Risley & Kerrigan.

ILLUSTRATED CATALOGUE.

Risley & Kerrigan's

ILLUSTRATED CATALOGUE

— OF —

HARDWARE

LOANED ONLY
THE PROPERTY OF
M. & L. Samuel, Benjamin & Co.
TO BE RETURNED ON DEMAND.

1886.

RISLEY & KERRIGAN,

30 FRONT STREET WEST,

TORONTO.

JAMES MURRAY & CO.,
PRINTERS AND ENGRAVERS,
28 FRONT STREET WEST, TORONTO.

TO THE HARDWARE TRADE.

WE present to you with our compliments, this, our first Illustrated Catalogue of General Hardware, and the first fully illustrated one ever published in Canada.

For the convenience of the retail trade, and for the purpose of doing away with the bulk of samples now carried by our travellers, we have at great expense and labor compiled this book, which we trust, will be well received and always referred to when ordering.

Our aim has been a well illustrated, fully descriptive, plainly printed volume, which could be referred to as well in selling as in buying, for in pricing up the different classes of goods, where Standard Lists are not in use, we have made figures at which the Retail Merchant could sell at and realize a fair margin of profit.

We carry in stock, unless otherwise stated, all goods contained herein, and request our customers to confine their orders as nearly as possible to articles embraced in this Catalogue, thereby insuring prompt shipments.

We trust our efforts in meeting the long expressed wishes of nearly all the retail trade for a Catalogue of this kind will be appreciated, and that we will be favored with a larger share of their trade than heretofore.

M. & L. Samuel, Benjamin & Co.

~~BISLEY & KERRIGAN~~

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Our customers will please use this book carefully. As the issue is limited, it will be impossible for us to furnish them with a duplicate copy.

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ILLUSTRATED CATALOGUE OF

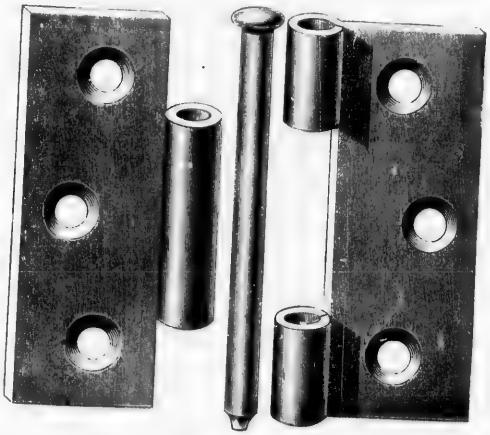
BUILDERS', MECHANICS' AND MISCELLANEOUS

HARDWARE

1886

Wrought Iron Reversible Butts.

BRIGHT.



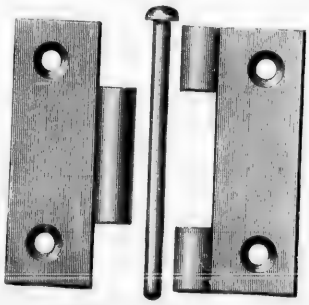
Full Size Cut, 3 × 2½.

Inches,		3×2½	3×3	3×3½	3½×3	3½×3½
Per dozen pairs,		$1 68	1 86	2 10	2 40	2 70
Size of Screw,	No.	10	10	11	12	12
Screw holes in each Butt,		6	6	6	6	6

Inches,		4×3½	4×4	4½×4½	5×5
Per dozen pairs,		$3 00	3 30	4 25	5 50
Size of Screw,	No.	12	12	13	14
Screw holes in each Butt,		8	8	8	8

Up to 3 × 3, one dozen in a box. Larger sizes, one-half dozen.

Wrought Iron Loose Pin. Light Narrow Butts.



Full Size Cut, 2 Inch.

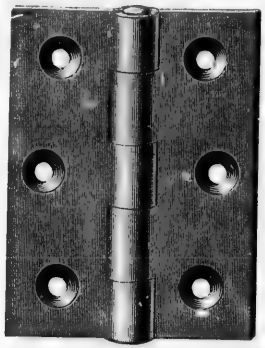
BRIGHT. STANLEY'S PATTERN.

Size,	1½	2	2½	3 in.
Per dozen pairs,	$0 56	78	94	1 10
Width open,	1 7/16	1 9/16	1 11/16	2 in.
Size of Screw, No.	5	6	6	7
Screw holes,	4	4	6	6

One dozen pairs in a box.

Wrought Iron Narrow Butts.

BRIGHT.



Full Size Cut, 2¼ Inch. Fast Joint.

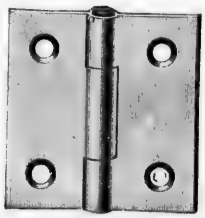
Size,		1	1¼	1½	1¾	2 in.
Per dozen pairs,		80 32	36	43	50	60
Width open,		1¼	1 5/16	1½	1 9/16	1¾ in.
Size of Screw,	No.	5	6	7	7	8
Screw holes in each Butt,		4	4	4	4	4
Size,		2¼	2½	3	3½	4 in.
Per dozen pairs,		80 66	72	90	1 44	1 92
Width open,		1 13/16	1⅞	2⅛	2 9/16	2⅞
Size of Screw,	No.	8	8	9	12	12
Screw holes in each Butt,		6	6	6	6	6

One dozen pairs in a box.

Wrought Iron Light Narrow Butts.

BRIGHT. STANLEY'S PATTERN.

Patent Riveted.

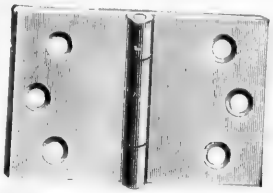


Full Size Cut, 1½ Inch.

Size,		1	1¼	1½	1¾	2	2¼	2½ 3 in.
Per dozen pairs,		80 32	36	43	50	60	66	72 90
Width open,		1	1 1/16	1 7/16	1 7/16	1 9/16	1 11/16	1 11/16 2
Size of Screw,	No.	3	3	5	5	6	6	6 7
Screw holes,		4	4	4	4	4	6	6 6

One dozen pairs in a box.

Wrought Iron Light Inside Blind Butts.

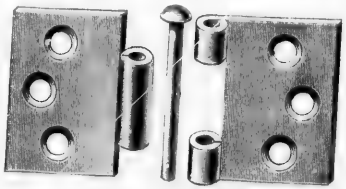


Full Size Cut of 1¼ Inch, Light Inside Blind Butts.

BRIGHT.

Inch,	1	1⅛	1¼	1⅜	1½
Per dozen pairs,	$0 45	50	55	60	65
Width open,	1⅝	1¾	1⅞	2	2⅛
Size of Screw, No.	4	5	5	5	5

Wrought Iron Light Inside Blind Butts.

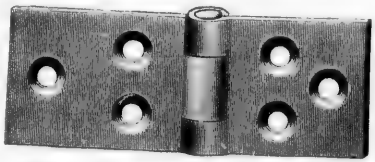


Full Size Cut of 1¼ Inch Inside Blind.

BRIGHT. LOOSE PIN.

Inch,	1⅛	1¼	1⅜	1½
Per dozen pairs,	$0 70	75	80	85
Width open,	1¾	1⅞	2	2⅛
Size of Screw, No.	5	5	5	5

Wrought Iron Table Butts.

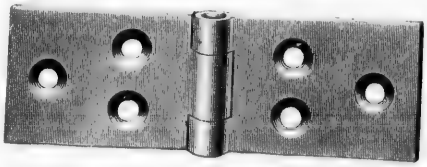


Full Size Cut of 1 Inch, Table Butts.

BRIGHT. PATENT RIVETED.

Inch,	1	1⅛	1¼	1⅜	1½	1¾	2
Per dozen pairs,	$0 45	50	55	60	65	75	85
Width open,	2⅝	2¾	2⅞	2 13/16	3⅛	3⅛	3 13/16
Size of Screw, No.	6	7	7	7	8	9	9

Wrought Iron Back Flaps.



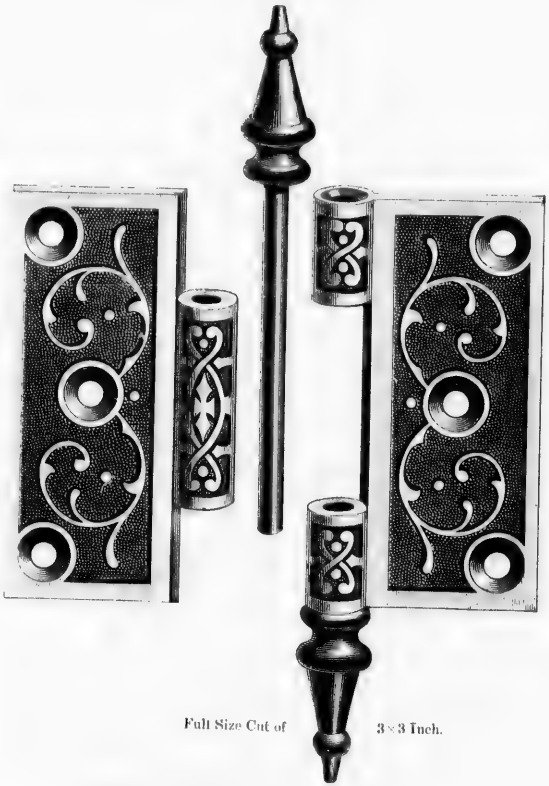
Full Size Cut of 1 Inch.

BRIGHT. PATENT RIVETED.

Inch,	1	1⅛	1¼	1⅜	1½	1¾	2
Per dozen pairs,	$0 50	55	60	65	70	80	90
Width open	2⅞	3	3 3/16	3 3/16	3 7/16	4	4⅜
Size of Screw, No.	6	6	7	8	8	8	9

All packed one dozen pairs in a box.

Cast Loose Pin Butts, Drilled.



Full Size Cut of 3×3 Inch.

EITHER RIGHT OR LEFT HAND.

Not Japanned, Steeple Tips.

Inches,	$2\frac{1}{2}\times2\frac{1}{2}$	$3\times2\frac{1}{2}$	3×3	$3\times3\frac{1}{2}$	$3\frac{1}{2}\times3$
Per dozen pairs,	$1 35	1 60	1 75	1 95	2 15

Inches,	$3\frac{1}{2}\times3\frac{1}{2}$	$4\times3\frac{1}{2}$	4×4	$4\frac{1}{2}\times4\frac{1}{2}$	5×5	6×6
Per dozen pairs,	$2 35	2 70	2 90	4 00	5 50	7 60

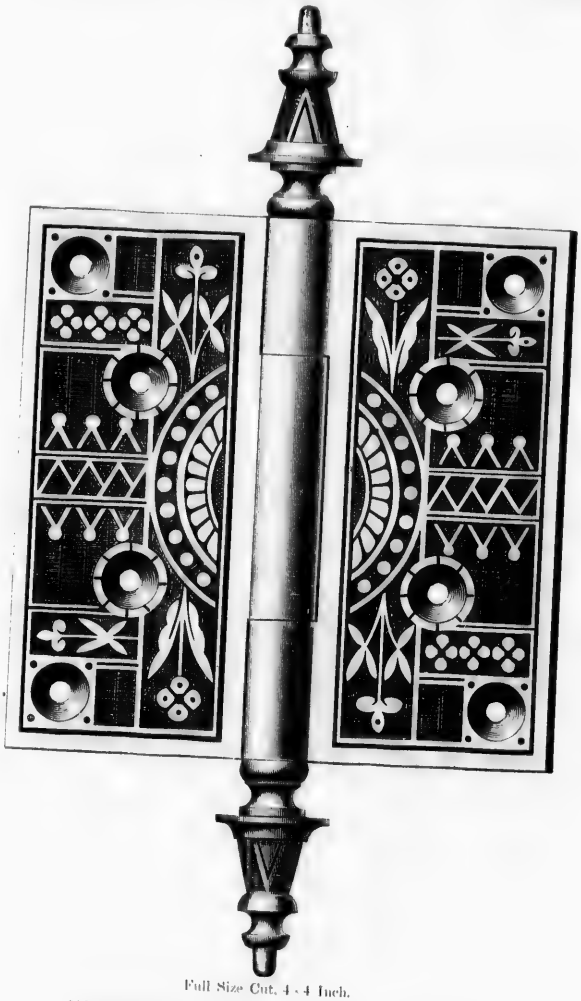
Japanned, Nickel Plated Steeple Tips.

Inches,	3×3	$3\frac{1}{2}\times3\frac{1}{2}$	4×4	$4\frac{1}{2}\times4\frac{1}{2}$	5×5	6×6
Per dozen pairs,	$6 50	8 00	9 20	10 00	12 50	16 00

5×5 inch and larger have five knuckles.

3×3 to $4\frac{1}{2}\times4\frac{1}{2}$, one-half dozen pairs in a box. 5×5 and larger, one-quarter dozen pairs in a box.

Loose Pin, Bronzed Butts, Drilled.



Full Size Cut, 4 × 4 Inch.

EITHER RIGHT OR LEFT HAND.

PACKED WITH SCREWS.

Berlin Bronzed.

Inch,	3×3	3½×3½	4×4	4½×4½	5×5
Per pair,	$1 65	1 90	2 10	2 35	2 75

English Bronzed.

Inch,	3×3	3½×3½	4×4	4½×4½	5×5
Per pair,	$1 90	2 20	2 40	2 70	3 20

One pair in a box. 5×5 have five knuckles.

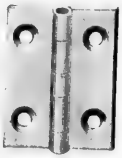
Wrought Brass Butts.

NARROW.

1 Inch Narrow.

Inch,	½	¾	1	1¼	1½
Per dozen pairs,	80 38	38	48	60	78
Inch,	1¾	2	2¼	2½	3
Per dozen pairs,	80 96	1 23	1 73	1 92	2 80

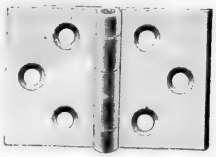
MIDDLE.



1 Inch Middle.

Inch,	¾	1	1¼	1½	1¾
Per dozen pairs,	80 45	54	67	87	1 10
Inch,	2	2¼	2½	3	
Per dozen pairs,	81 44	1 80	2 34	3 70	

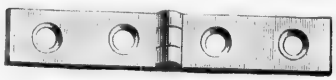
DESK.



1 Inch Desk.

Inch,	1	1⅛	1¼	1½
Per dozen pairs,	80 87	1 08	1 27	1 80

Paper File Hinges.



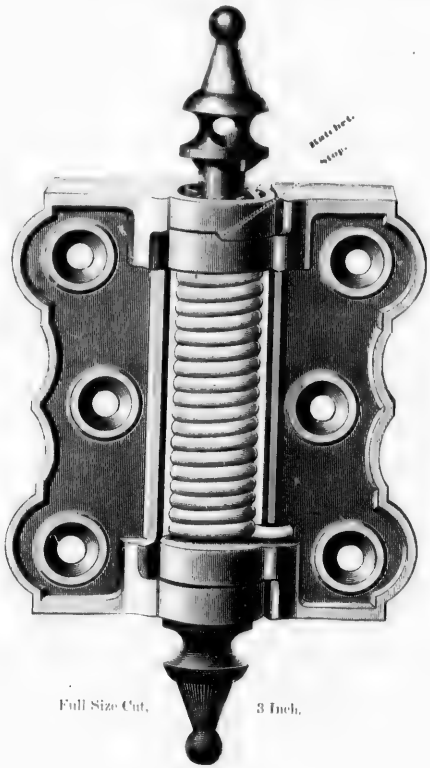
⅜ and 2⅜ Inch Paper File.

Size when open,	⅜ × 1¾	⅜ × 2⅛	⅜ × 2⅜
Per dozen pairs,	80 90	1 00	1 00

One dozen pairs in a box.

½ to 2 Inch have 6 one dozen boxes in a larger box, 2¼ Inch and larger have 3 one dozen boxes.

Surface Ratchet Spring Hinges.



Full Size Cut. 3 Inch.

SINGLE ACTING, TO SWING ONE WAY.

Either Right or Left Hand.

3 Inch, Tuscan Bronzed, without Screws, - - per dozen pairs, $3 00

One-half dozen pairs in a box.

Mortise Ratchet Spring Hinges.

Full Size Cut, 3 × 1½ Inch.

DOUBLE ACTING, TO SWING BOTH WAYS.

Either Right or Left Hand.

3 × 1½ inch, Tuscan Bronzed, without Screws, per dozen pairs, $6 25

One-quarter dozen pairs in a box.

Parker's Patent Blind Hinges and Fastenings.

AMERICAN.

Upper Hinge.

Lower Hinge.

For Wood Buildings.

No. 1.	Throws the Blind one inch from Casing, - - -	per dozen sets,	$3 50
No. 2.	Throws the Blind one and a half inch from Casing, -	"	3 75
No. 3.	Throws the Blind two inches from Casing, - - -	"	4 00
No. 4.	Throws the Blind two and a half inches from Casing, -	"	4 25

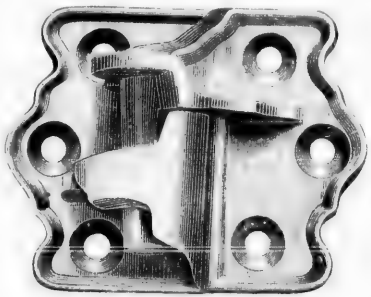
One-half dozen sets in a package.

For Brick Buildings.

No. 5.	Throws the Blind three inches from Casing, - -	per dozen sets,	$5 25
No. 6.	Throws the Blind three and a half inches from Casing, -	"	5 50
No. 7.	Throws the Blind four inches from Casing, - -	"	6 25
No. 8.	Throws the Blind four and a half inches from Casing,	"	7 00
No. 9.	Throws the Blind five inches from Casing, - -	"	8 00
No. 10.	Throws the Blind five and a half inches from Casing, -	"	9 00
No. 11.	Throws the Blind six inches from Casing, - -	"	10 25
No. 12.	Throws the Blind six and a half inches from Casing,	"	12 00

One-third dozen sets in a package.

Eureka Patent Blind Hinges.



No. 10. For Wood, throws Blind 1¼ inch from Casing, per dozen sets, $3.50.

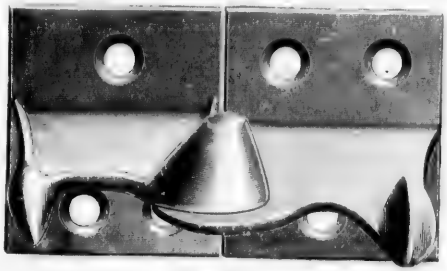
No. 30. For Brick, throws Blind 3¼ inches from Casing, per dozen sets, $5.25.

No. 50. For Brick, throws Blind 4½ inches from Casing, per dozen sets, $7.00.

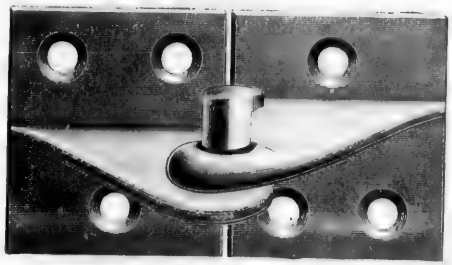
One-half dozen sets in a box.

Parker's Patent Blind Hinges and Fastenings.

CANADIAN.



Upper Hinge.

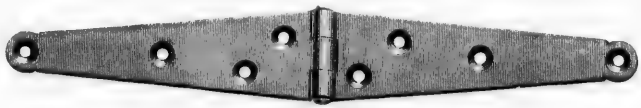


Lower Hinge.

3 Inch,	Throws the Blind one inch from Casing,	per dozen sets,	$3 50
4 "	Throws the Blind two inches from Casing,	"	4 00
5 "	Throws the Blind three inches from Casing,	"	5 25
5½ "	Throws the Blind three and half inches from Casing,	"	5 50
6 "	Throws the Blind four inches from Casing,	"	6 25
6½ "	Throws the Blind four and half inches from Casing,	"	7 00

Half-dozen sets in a package.

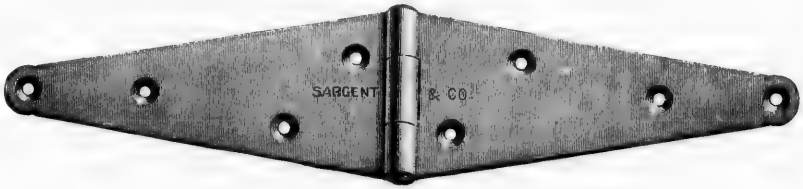
Light Strap Hinges.



Wrought Iron.

Inch,		3	4	5	6	8	10
Per dozen pairs,		$1 00	1 20	1 40	1 70	2 50	3 50
Width of Joint,		$1\frac{1}{8}$	$1\frac{1}{8}$	$1\frac{5}{16}$	$1\frac{9}{16}$	$1\frac{7}{8}$	$2\frac{1}{16}$
Size of Screw,	No.	6	7	8	9	10	10

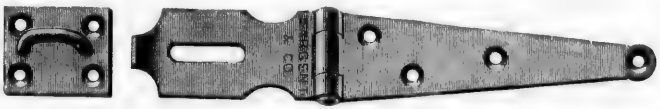
Heavy Strap Hinges.



Wrought Iron.

Inch,		4	5	6	8	10	12	14
Cents per lb.,		12	12	12	12	12	12	12
Width at Joint,		$2\frac{1}{4}$	$2\frac{1}{2}$	$2\frac{3}{4}$	$2\frac{7}{8}$	$3\frac{7}{8}$	$4\frac{3}{8}$	$4\frac{3}{4}$
Size of Screw,	No.	9	9	11	12	14	16	16
Weight per dozen pairs,		14	18	27	37	54	72	100 pounds.

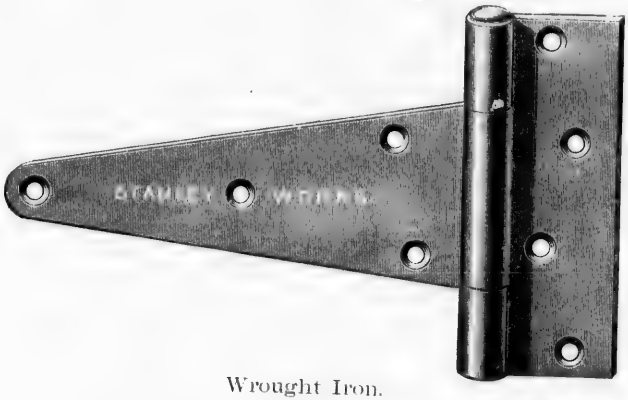
Hinge Hasps or Padlock Hinges.



Wrought Iron.

Inch,		3	$4\frac{1}{2}$	6	8
Per dozen pairs,		$1 75	2 00	2 25	3 50
Width of Joint,		$1\frac{1}{8}$	$1\frac{1}{8}$	$1\frac{1}{2}$	$1\frac{7}{8}$
Size of Screw,	No.	6	7	9	10

Heavy T Hinges.



Wrought Iron.

Inch,	4	5	6	8	10	12	14
Cents per lb.,	12	12	12	12	12	12	12
Width of Strap at Joint,	$1\frac{1}{2}$	2	$2\frac{1}{8}$	$2\frac{1}{8}$	$2\frac{7}{8}$	$3\frac{5}{8}$	$3\frac{3}{4}$
Length of Joint,	$3\frac{1}{2}$	$4\frac{1}{16}$	$4\frac{1}{16}$	$4\frac{1}{2}$	$6\frac{1}{8}$	$7\frac{1}{8}$	$7\frac{1}{2}$
Size of Screw,	9	9	9	10	11	12	13
Weight per dozen pairs,	13	18	19	23	45	61	73 pounds.

Light T Hinges.

Wrought Iron.

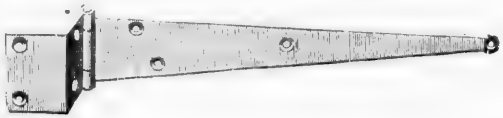
Size,		3	4	5	6	8 in.
Per dozen pairs,		$1 00	1 10	1 30	1 50	1 80
Width of Strap at Joint,		$1\frac{1}{16}$	$1\frac{1}{16}$	$1\frac{3}{16}$	$1\frac{1}{4}$	$1\frac{9}{16}$
Length of Joint,		$2\frac{1}{2}$	$2\frac{3}{4}$	3	$3\frac{1}{2}$	4
Size of Screw,	No.	7	7	8	8	9

Screw Hook Hinges.

Patent Lap Joint with Wood Screw Hook.

Inches,	6			8				10
Weight per dozen pairs,	21			28				41 pounds.
Price per pound,	-		-		-		-	6½ cents.
Inches,	12	14	16	18	20	22	24	26
Weight per dozen pair,	56	61	73	80	100	107	114	135 pounds.
Price per pound,	-		-		-		-	5 cents.

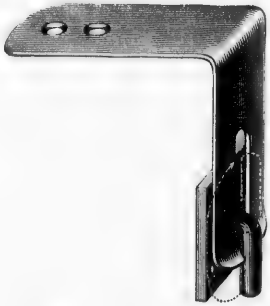
Long Chest Hinges.



Sizes,	6	8
Per dozen pairs,	81 75	2 00
Projection,	¾	¾
Width of Strap at Joint,	1⅛	1⅝
Length of Joint,	1½	2
Size of Screw,	No. 8	9

Crate Hasps.

Half Size Cut of No. 12.



Half Size Cut of No. 1. Patented.

For Fastening Fruit Crates, Berry Boxes, etc.

WROUGHT IRON.

No. 12, Wrought Iron, Hinged, - - - -	per dozen,	80 88
No. 2, "Delaware," Wrought Iron, - - -	per dozen,	0 75

One dozen in a box.

Wrought Hasps and Staples.

Wrought Iron.

Inch,	4	5	6	7	8	9	10	12
Per dozen,	80 84	90	1 00	1 10	1 30	1 70	1 80	2 60

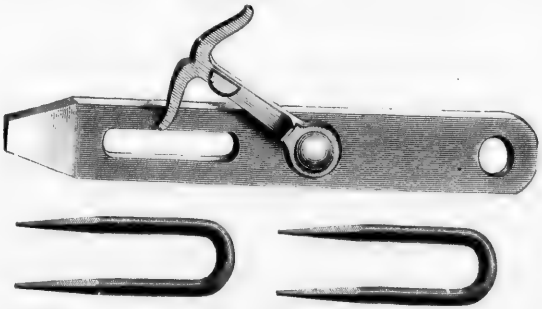
Bent Hasps and Staples.

Wrought Iron.

Inch,	5	6	7
Per dozen,	80 90	1 10	1 30

One dozen in a box.

Wrought Hasps with Hook and Staples.



STAPLES MADE BY HAND FROM NORWAY IRON.

Wrought Iron.

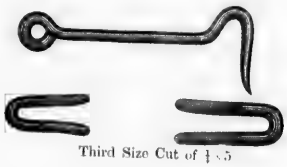
Inch,	6	7	8	10	12
Per dozen,	$1 40	1 60	1 80	2 50	3 84

One dozen in a box.

Extra Heavy Combination Hasps, Hooks and Staples, and Wrought Hooks and Staples.

HAND MADE.

Quarter Size Cut of 8 Inch.



Third Size Cut of $\frac{1}{4} \times 5$

Extra Heavy Combination Hasps, Hooks and Staples.

Inch,	8	10
Per dozen,	81 50	1 80

One dozen in a box.

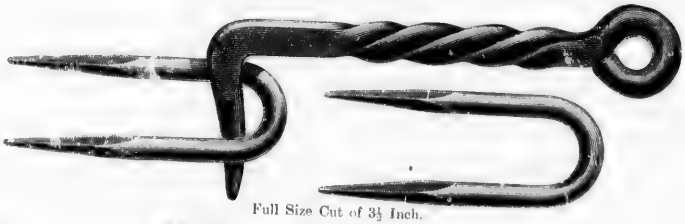
Round Hooks and Staples.

Inch,	$\frac{1}{4} \times 4$	5	6	$\frac{5}{16} \times 5$	6	7
Per gross,	83 30	3 65	4 30	5 40	6 00	6 30

Quarter gross in a box.

Wrougth Hooks and Staples.

TWISTED.



Full Size Cut of $3\frac{1}{2}$ Inch.

Per gross,	88 50	10 50	12 50	15 50
Inches,	4	5	6	7

Quarter gross in a box.

Wrought Staples.

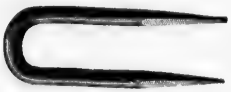
Fence.

Full Size Cut of $1\frac{3}{4}$ Inch.

American.

Full Size Cut of 2 Inch.

Hand Made.



Half Size Cut of $3 \times \frac{1}{4}$ inch.

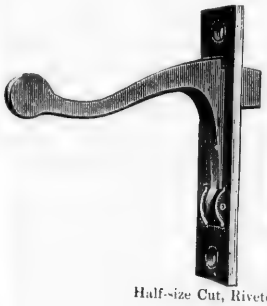
$1\frac{3}{4}$ Inch Galvanized Fence Staples for ordinary barb wire, per pound, 80 09
$1\frac{3}{4}$ Inch Galvanized Fence Staples for buck thorn wire, " 0 09

Inch,	1	$1\frac{1}{4}$	$1\frac{1}{2}$	$1\frac{3}{4}$	2	$2\frac{1}{2}$	3	$3\frac{1}{2}$	4
American Staples, Per gross,	81 20	1 20	1 25	1 50	1 70	2 35	3 20	3 70	5 25

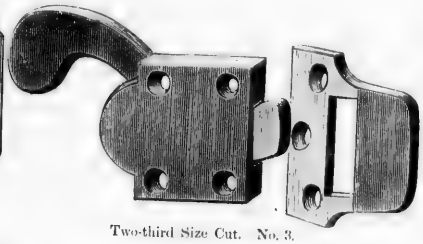
$1\frac{1}{2} \times \frac{1}{4}$ to $4 \times \frac{5}{16}$ Hand Made Staples, per pound, 0 12

Fence Staples in bulk. American Staples, 1 to $2\frac{1}{2}$ inch, one gross in a box; 3 to 4 inch, half gross in a box. The Hand Made Staples packed 10 pounds in a package.

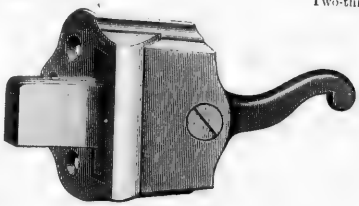
Gravity Gate Latches.



Half-size Cut, Riveted. No. 2.



Two-third Size Cut. No. 3.

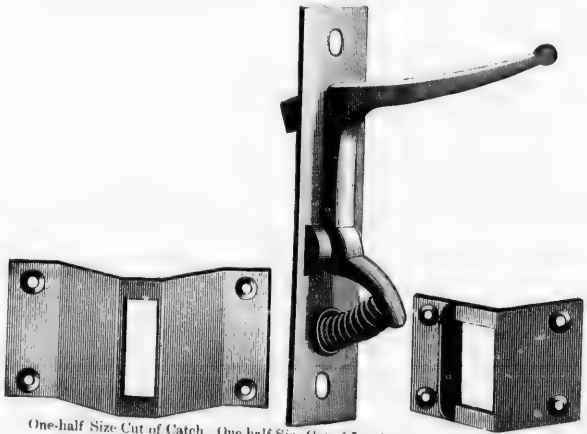


Half Size Cut, No. 7.

No. 2.	Japanned Gate Latches, to swing both ways, -	per dozen,	$2 25
No. 3.	Japanned Gate Latches, to swing one way, - -	"	2 25
No. 7.	Japanned Gate Latches, to swing one way, - -	"	1 55

One-half dozen in a box.

Spiral Spring Gate Latches.

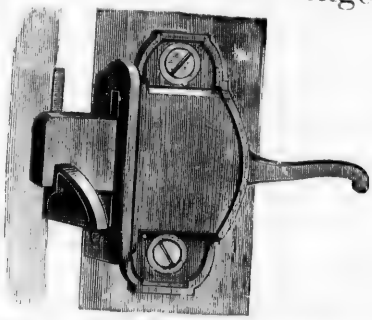


One-half Size Cut of Catch for No. 4. One-half Size Cut of Latch not Riveted. One-half Size Cut of Catch for No. 1.

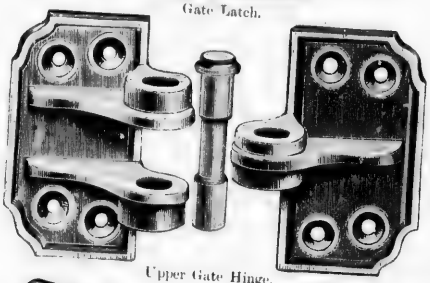
No. 1.	Gate Latch not Riveted, to swing one way, - -	per dozen,	$1 25
No. 4.	Gate Latch not Riveted, to swing both ways, - -	"	1 50

In packages of one dozen each.

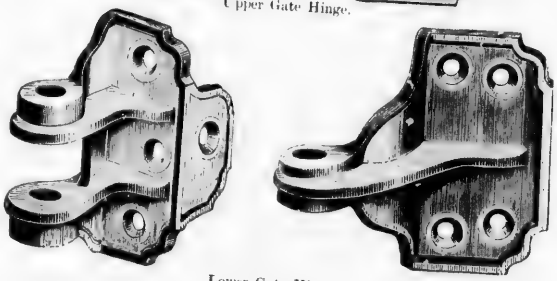
Self-Closing Gate Hinges.



Gate Latch.



Upper Gate Hinge.



Lower Gate Hinge.

To Swing One Way, Reversible.

No. 6. Complete with Latches, - - - - per dozen sets, $6 00

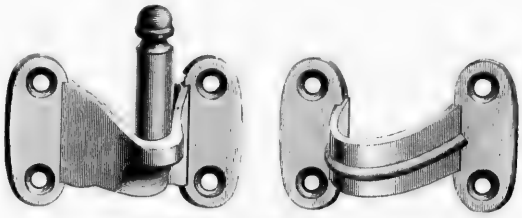
One set in a box, two dozen sets in a case.

Half Size Cut of No. 12.

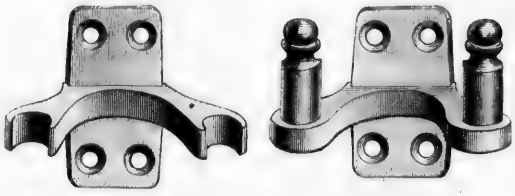
No. 12. Japanned Gate Hinges, per dozen pairs, $2 50

Half dozen pairs in a box.

Western Gate Hinges—To Swing Both Ways.

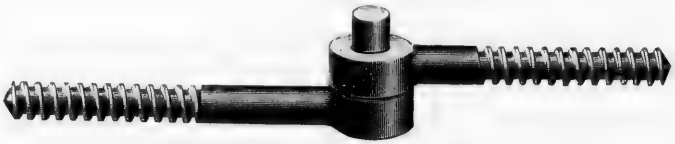


Half Size Cut of 224 Upper Hinge.

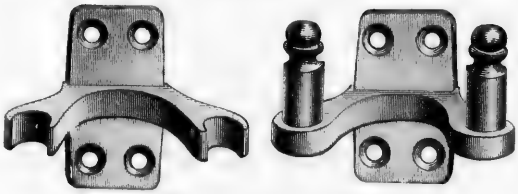


Half Size Cut of 224 Lower Hinge.

No. 224. Gate Hinges, self-closing, - - - per dozen pairs, $3 20



Half Size Cut of 244 Upper Hinge. Wrought Iron.



Half Size Cut of 244 Lower Hinge.

No. 244. Gate Hinges, self-closing, - - - - per dozen pairs, $4 70

Any Gate Latch in this Catalogue will suit these Hinges.

One-sixth dozen pairs in a box.

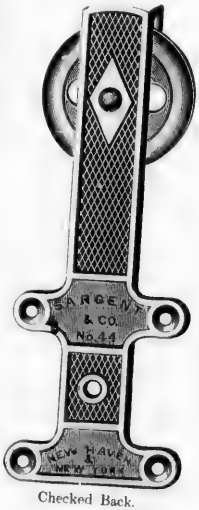
Round Groove.

Barn Door Hangers.

Round Groove Wheel.

Nos.	3	4	5	6
Diameter of Wheel,	3	4	5	6 inch.
Per pair,	80 50	65	80	95

Twelve pairs in a case.



Checked Back.

New England Pattern Barn Door Hangers.

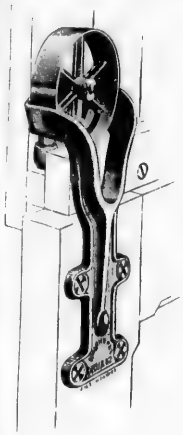
CHECKED BACK.

Square Groove Wheel, Japanned.

Nos.	24	25	26
Diameter of Wheel,	4	5	6 inch.
Per pair,	80 80	1 05	1 30

Twelve pairs in a case.

Stearns' Patent Barn Door Hangers.



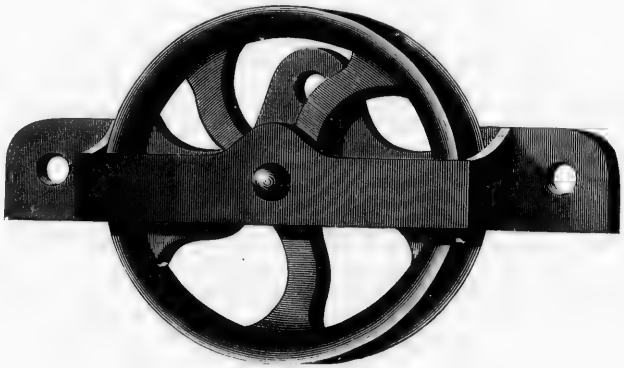
Are so constructed as to give the greatest strength for the weight of metal used, and owing to the fact that the bearings are chilled, and the wheels turned and finished perfectly true, they will run a door with perfect ease.

The small roll as shown in the illustration prevents any side friction.

4 inch, Japanned,	per pair,	$0 75
5 inch, "	"	1 00

Twelve pairs in a case.

Barn Door Rollers.

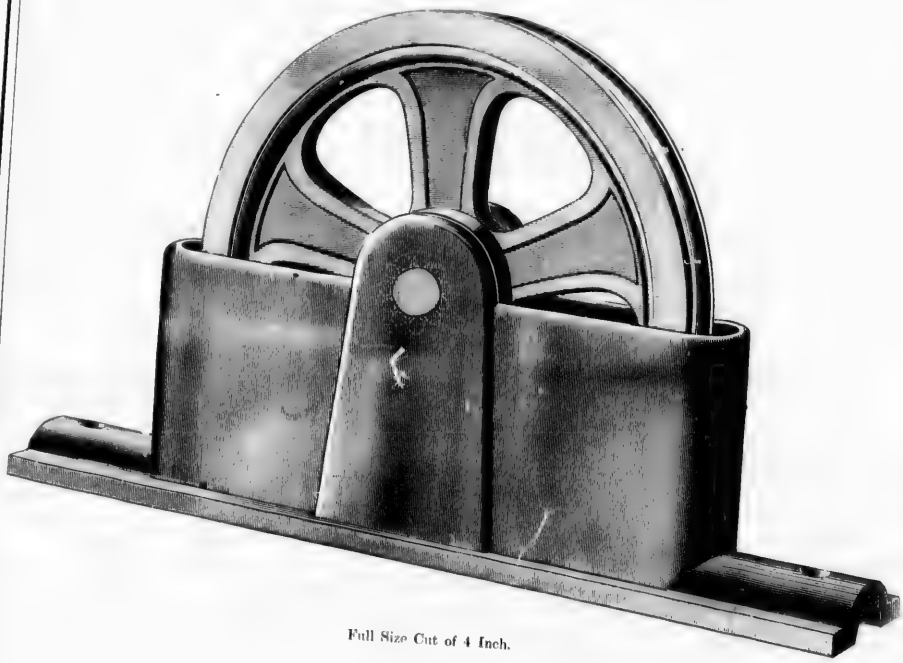


Round Groove Wheel.

4 inch Wheel, Japanned,	per pair,	$0 45
5 inch Wheel, "	"	55
6 inch Wheel, "	"	72

Twelve pairs in a case.

No. 9 Sliding Door Sheaves.

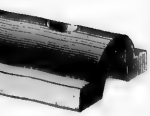


Full Size Cut of 4 Inch.

Japanned Case, Astragal Front, Turned Iron Wheel.

3 inch, Wheel $\frac{1}{2}$ in. thick, Round Edge Case, anti-friction, $1\frac{1}{8}$ in. face,	per set,	$2 25
4 inch, Wheel $\frac{1}{2}$ in. thick, Round Edge Case, anti-friction, $1\frac{1}{8}$ in. face,	"	2 90
5 inch, Wheel $\frac{1}{2}$ in. thick, Round Edge Case, anti-friction, $1\frac{1}{4}$ in. face,	"	4 10

One set in a box.



r set, $2 25
" 2 90
" 4 10

No. 7 Sliding Door Sheaves.

Full Size Cut of 3 Inch.

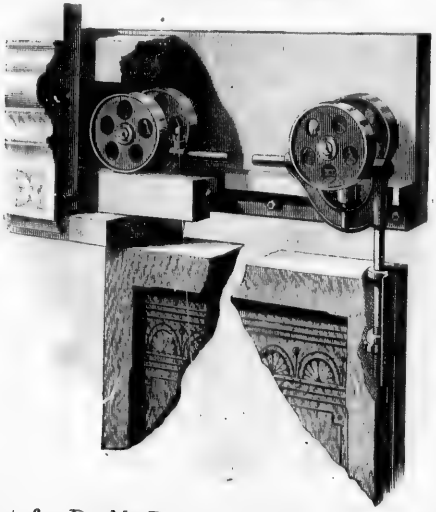
Japanned Case, Astragal Front, Turned Iron Wheel.

3 inch, Wheel ½ in. thick, Round Edge Case, brass rivet, 1⅛ in. face, - per set, $2 00
4 inch, Wheel ½ in. thick, Round Edge Case, brass rivet, 1⅛ in. face, - " 2 40

One set in a box.

Sliding Door Hangers.

WARNER'S PATENT.

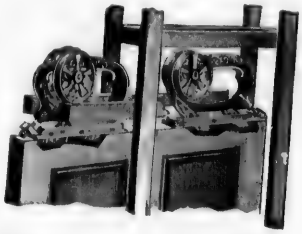


No. 1. Warner's Patent, for Double Doors, ordinary, - - per set, $6 00

A Set includes 4 Hangers, 28 feet of Hardwood Track, Berlin Bronzed Plates, Flat or Astragal for Edge of Doors.

One set in a box.

The Richards Patent Sliding Door Hangers.



DIRECTIONS FOR PUTTING UP TRACK AND HANGING DOUBLE DOORS.

Cut the track twice the width of doors, and for backing for track use 6 x $\frac{7}{8}$ strips same length as track. Joint one edge for bottom, screw the track on *flush* with *jointed* edge, placing screws from 8 to 12 inches apart, and countersink for heads. The distance from top of rail to bottom of jamb should not exceed $2\frac{1}{2}$ inches. Iron pocket track should be fitted to wood track in centre of opening.

Let the strips into studding, or place the studding far enough apart to bring a uniform distance of 1 inch between track when in position; spike or screw the strips firmly to studding. A header should be nailed firmly between studding $4\frac{1}{2}$ inches from top of track, to prevent spreading or contracting. Cut the door $\frac{3}{8}$ incl. less than height of opening. Plow groove in bottom $\frac{3}{8}$ inch wide by $\frac{1}{2}$ inch deep for guide, which should be screwed to floor flush with partition. Screw stops on *centre* of back edge of doors, and screw buffers on *studding* for stop to strike against. Place the plate on top of door, leaving end with hole for adjusting screw $\frac{1}{2}$ inch from edge. Mark out mortises, which should be $\frac{1}{2}$ x $2\frac{1}{2}$ inches and $\frac{2}{3}$ inch deep, for lugs on yoke.

After mortise is finished, screw on plates Place door in position, insert wheels, and yoke through pocket in track with lugs pointing toward each edge of door, slide lugs into slots in plates, insert the adjusting screw, place pocket pieces in position and raise doors until edges are plumb.

The above directions will apply to single doors, except that there should be a piece for door to shut against, which can be removed, allowing door to be drawn out 2 or 3 inches to get at back adjusting screw, and the iron pocket track should be fitted to the wood track on the side of opening against which the door strikes when closed. Buffers and stop not required on single door.

SCREWS REQUIRED FOR FULL SET OF HANGERS AND TRACK.

3 dozen 2 inch No. 12 for Track.
$\frac{1}{4}$ dozen 1 inch No. 10 for Pocket Piece.
2 dozen 3 inch No. 14 for Plates.
1 dozen 2 inch No. 12 for Stops.
$\frac{1}{2}$ dozen 1 inch No. 12 for Guides.

The following number of pieces compose one set: 4 pieces Wood Track 7 feet each, 4 Yokes, 4 Wheels, 4 Plates, 4 Set Screws, 2 Pockets, 2 Stops, 2 Floor Guides, 4 Buffers.

NOTE.—The foundation for the successful working of Door Hangers is in placing the track perfectly level and in a substantial manner.

Richards' Patent, for Double Doors, ordinary, per set, $8 00

One set for 4 doors.

Barn Door Rail.

Style of Nos. 0 and 1.

For Round Groove Wheels.

No 0. $\frac{1}{2}$ inch wide, for 3 and 4 inch Wheels, - - - per foot, $0 04$\frac{1}{2}$
No. 1. $\frac{5}{8}$ inch wide, for 5 and 6 inch Wheels, - - - " 0 05$\frac{1}{2}$

In cases of two hundred feet.

Style of No. 5.

For New England Hangers, with Square Groove Wheels.

No. 5. Angular, - - - - - - per foot, $0 04$\frac{1}{2}$

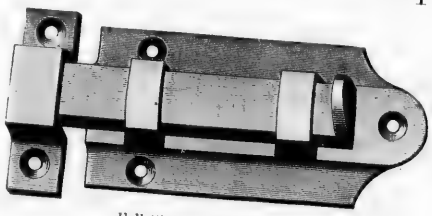
In cases of two hundred feet each.

Sliding Door Rail.

No. 6. $1\frac{1}{4}$ inches wide, Painted Drab, - - - - - per foot, $0 06

In cases of three hundred feet.

Flat Spring Bolts with Staples.



Full Size Cut of 3 Inch.

No. 2900 K. Polished Iron.

Inch,	2	2½	3	3½	4
Per dozen,	80 50	55	60	67	80

No. 2901 K. Polished Brass.

Inch,	2	2½	3	3½	4
Per dozen,	$1 00	1 25	1 65	2 20	2 60

One dozen in a box.

Brass Knob Barrel Bolts.

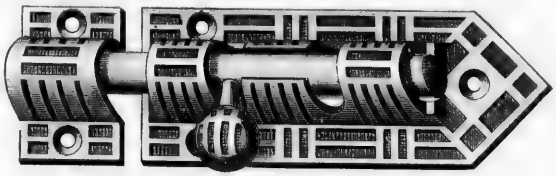
Full Size Cut of 3 Inch.

No. 500. Japanned Plate, Polished Bolt.

Inches,	3	4	5	6	7	8
Per dozen,	80 75	0 85	1 10	1 35	1 60	1 85

One dozen in a box.

Bronzed Barrel Bolts, Light.



Full Size Cut of 3 Inch.

WROUGHT BOLT.
PACKED WITH SCREWS.

With Bronze Metal Knob.

Inch,	2½	3	4
Per dozen,	$2 00	2 25	2 50

One dozen in a box.

Bronzed Barrel Bolts, Heavy.

Full Size Cut of 3 Inch.

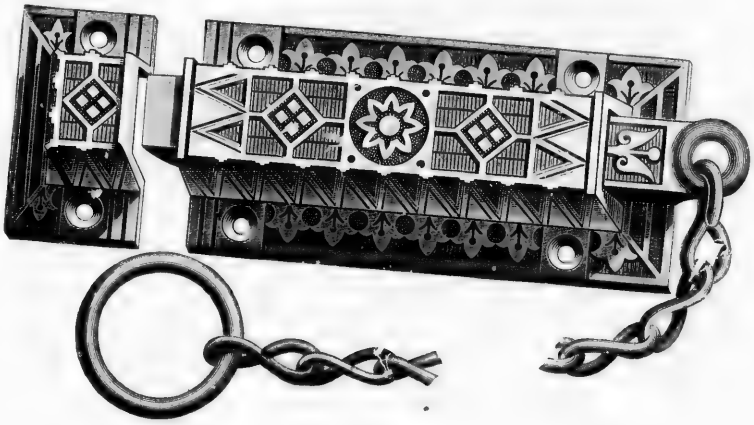
WROUGHT BOLT.
PACKED WITH SCREWS.

With Bronze Metal Knob.

Inch,	3	4	5
Per dozen,	$2 25	2 60	3 20

One dozen in a box.

Bronzed Chain Bolts.

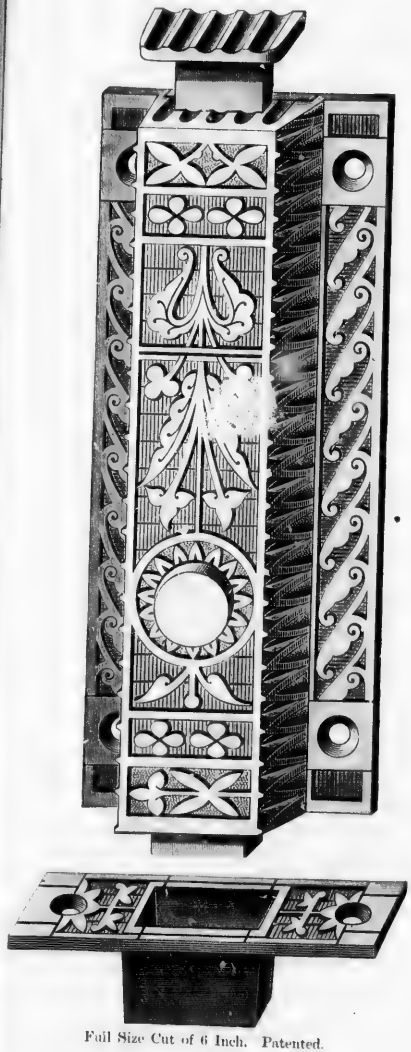


Full Size Cut of 3 Inch. Patented.

PATENT TRIANGULAR BOLT.

3 inch, Tuscan Bronzed, packed with Screws,	per dozen,	$3 70
4 inch, Tuscan Bronzed, packed with Screws,	"	4 00
6 inch, Tuscan Bronzed, packed with Screws,	"	5 25
8 inch, Tuscan Bronzed, packed with Screws,	"	6 50

3 and 4 inch, one dozen in a box. 6 and 8 inch, half dozen in a box.



Full Size Cut of 6 Inch. Patented.

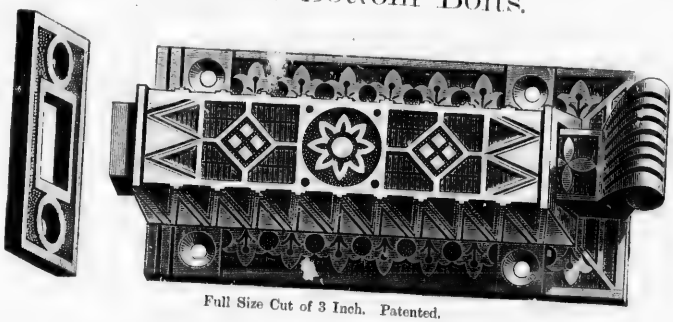
Bronzed Spring Foot Bolts.

6 inch, Tuscan Bronzed, packed with Screws, per dozen, $4.80.

8 inch, Tuscan Bronzed, packed with Screws, per dozen, $5.60.

Half dozen in a box.

Bronzed Bottom Bolts.

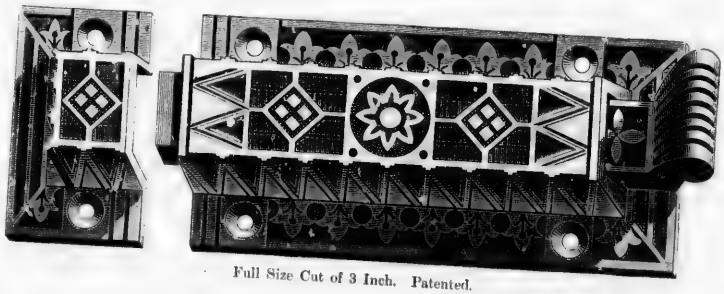


Full Size Cut of 3 Inch. Patented.

3 inch, Tuscan Bronzed, packed with Screws,	per dozen,	$2 90
4 inch, Tuscan Bronzed, packed with Screws,	"	3 25
6 inch, Tuscan Bronzed, packed with Screws,	"	4 50

3 and 4 inch, one dozen in a box. 6 inch, half dozen in a box.

Bronzed Square Bolts.



Full Size Cut of 3 Inch. Patented.

3 inch, Tuscan Bronzed, packed with Screws,	per dozen,	$2 90
4 inch, Tuscan Bronzed, packed with Screws,	"	3 25
6 inch, Tuscan Bronzed, packed with Screws,	"	4 50

3 and 4 inch, one dozen in a box. 6 inch, half dozen in a box.

Bronzed Flush Bolts, Sunk Thumb Piece.

Tuscan Bronzed.

1 INCH WIDE.

Tuscan Bronzed, Packed with Screws.

Inch,	6	8	10	12	18	24
Per dozen,	$2 75	3 0[illegible]	3 45	3 95	5 30	6 80

6 to 10 inch, one dozen in a box; 12 inch, half dozen in a box; 18 to 24 inch, one-third dozen in a box.

Brass Flush Bolts, Sunk Thumb Piece.

Full Size Cut of 2½ Inch.

Three-eighths Inch Wide, Cast Brass.

Inches,	2	2½	3
Per dozen,	$0 90	1 00	1 20

Three dozen in a box.

Full Size Cut of 4 Inch.

One-half Inch Wide, Cast Brass.

Inches,	3	4	5
Per dozen,	$1 40	1 80	2 20

Five-eighths Inch Wide, Heavy Cast Brass, with Striking Plate.

Inches,	6	8
Per dozen,	$3 80	5 50

One dozen in a box.

Brass Flush Blots, Sunk Thumb Piece.

Full Size Cut of 5 Inch.

Three-quarter Inch Wide, Heavy Cast Brass, with Striking Plate.

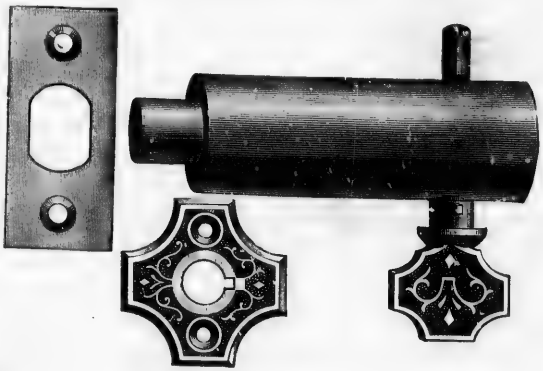
Inches,	8	10	12
Per dozen,	$4 00	5 50	6 50

One Inch Wide, Extra Heavy Cast Brass, with Striking Plate.

Inches,	12	18	24	30
Per dozen,	$13 50	20 00	25 00	32 00

One dozen in a box.

Cylindrical Door Bolt.



Packed with Screws.

No. 200. Ornamental, Real Bronze Extension and Thumb Piece, - per dozen, $4 25

One dozen in a box.

Chain Door Fastenings.

Two-thirds Size Cut of No. 36.

No. 36. 6 inches, Japanned. - - - - per dozen, $4 00

Half dozen in a box.

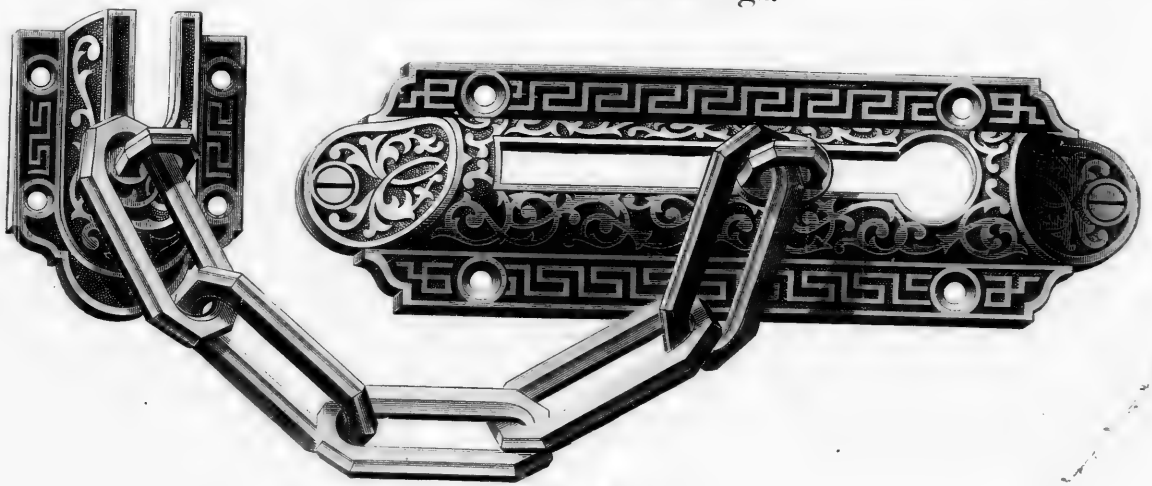
Extra Heavy Chain Door Fastenings.

Two-thirds Size Cut of No. 46.

No. 46. 6 inches, Japanned, - - - - per dozen, $4 50

Half dozen in a box.

Chain Door Fastenings.

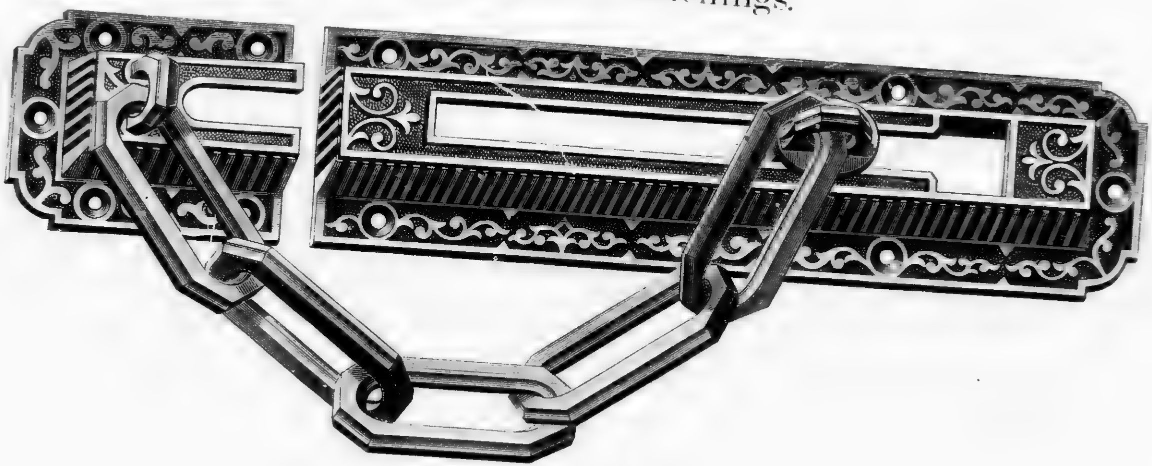


Full Size Cut of No. 26. Patented.

No. 26, Tuscan Bronzed, 6 inches, packed with Screws, - - - - - - - per dozen, $6 50

Half dozen in a box.

Chain Door Fastenings.



Full Size Cut of No. 16.

No. 16, Tuscan Bronzed, packed with Screws, - - - - - - - - - per dozen, $5 00

Half dozen in a box.

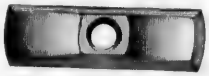
Japanned Door Buttons.

Full Size Cut of 1½ Inch.

Inch,	1½	1¾	2	2¼	2½
Per gross,	$1 00	1 20	1 50	2 20	3 00

2 inch and smaller, one gross in a box; 2¼ and 2½ inch, half a gross.

Brass Door Buttons.



Full Size Cut of 1½ Inch.

Inches,	1¼	1½	1¾	2
Per gross,	$4 50	5 00	6 00	6 50

Half a gross in a box.

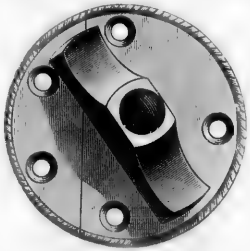
Japanned Door Buttons on Plates.

Full Size Cut of 1½ Inch.

Inches,	1½	1¾	2	2¼	2½
Per gross,	$3 65	4 20	4 75	6 30	7 10

2 inches and smaller, half a gross in a box; 2¼ and 2½ inches, quarter gross.

Brass Door Buttons on Plates.



Full Size Cut of 1¾ Inch.

Polished and Lacquered.

Inches,	1½	1¾	2
Per gross,	$13 75	15 50	18 75

Half a gross in a box.

Bronzed Door Buttons on Plates.

Full Size Cut of 2 Inch.

2 inch, Tuscan Bronzed, packed with Screws.

Quarter gross in a box. per gross, $7 50

Sargent's Patent Lever Door Bells.

Fancy Bell. Full Size Cut of No. 2103½. Patented.

Fancy Bell Metal Bells.

No. 2103½, 3½ inches,	per dozen, $13 50
No. 2104, 4 inches,	" 16 50
No. 2105, 5 inches,	" 19 50

One-twelfth dozen in a box.

Sargent's Patent Lever Door Bells.

Plain Bell. Full Size Cut of 2003½ and 2013½.

Plain Bell Metal Bells.

No. 2003½, 3½ inch,	per dozen,	$13 50
No. 2004, 4 inch,	"	16 50
No. 2005, 5 inch,	"	19 50

Plain, Nickel Plated on Bell Metal.

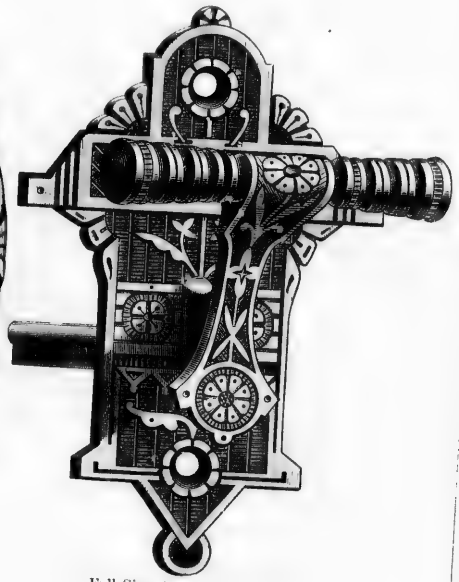
No. 2013½, 3½ inch,	per dozen,	$16 75
No. 2014, 4 inch,	"	20 25
No. 2015, 5 inch,	"	23 50

One-twelfth dozen in a box.

Sargent's Patent Fancy Lever Door Bells.

PACKED WITH 402 LEVER.

Fancy Bell. Full Size Cut of No. 2143½.

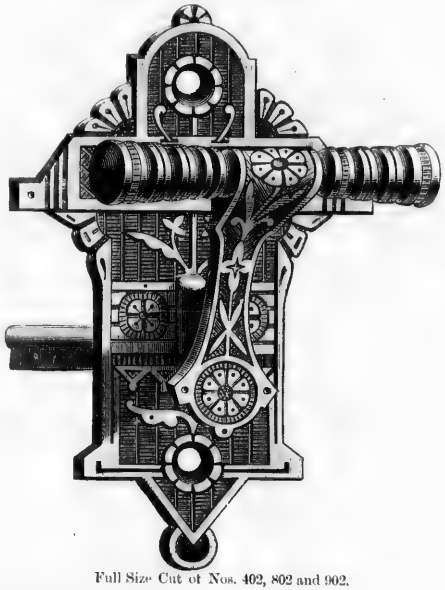


Full Size Cut of No. 402, Lever.

No. 2143½ × 402, 3½ inch, Fancy Bell, packed with 402 Lever, - per dozen, 87 50
No. 2145 × 402, 5 inch, Fancy Bell, packed with 402 Lever, - " 8 25

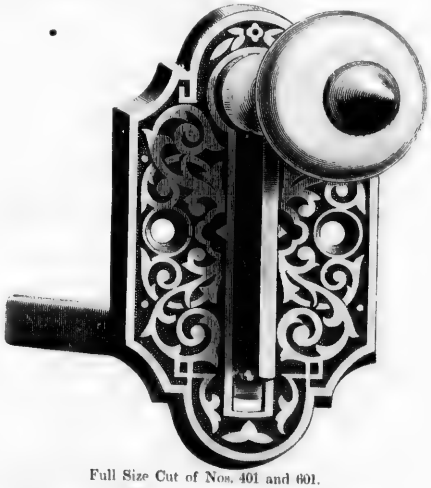
One-twelfth dozen in a box.

Levers for Sargent's Patent Door Bells.



Full Size Cut of Nos. 402, 802 and 902.

No. 402, Tuscan Bronzed, packed with Screws, - - per dozen, $3 00
No. 802, Bronze Metal, gold finish, packed with Screws, - - " 10 00
No. 902, Bronze Metal, imperial finish, packed with Screws, - " 10 00

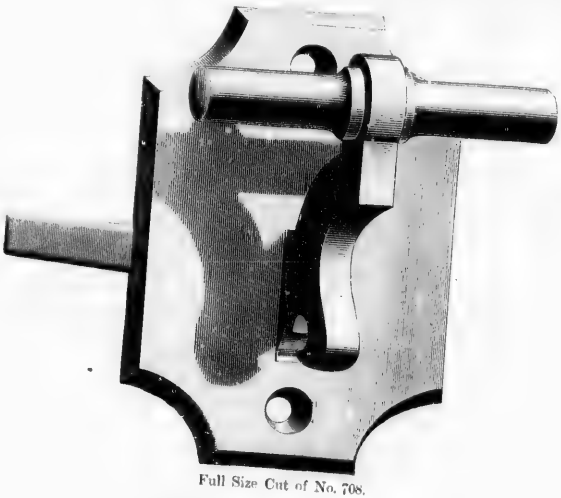


Full Size Cut of Nos. 401 and 601.

No. 401, Tuscan Bronzed, Porcelain Knob, packed with Screws, - per dozen, $4 40
No. 601, Silver Plated on Cast Brass, Porcelain Knob, packed with Screws, " 11 25

One-twelfth dozen in a box.

Levers for Sargent's Patent Door Bells.



Full Size Cut of No. 708.

Packed with Screws.

No. 708, Nickel Plated on Cast Brass, - - - per dozen, $16 25

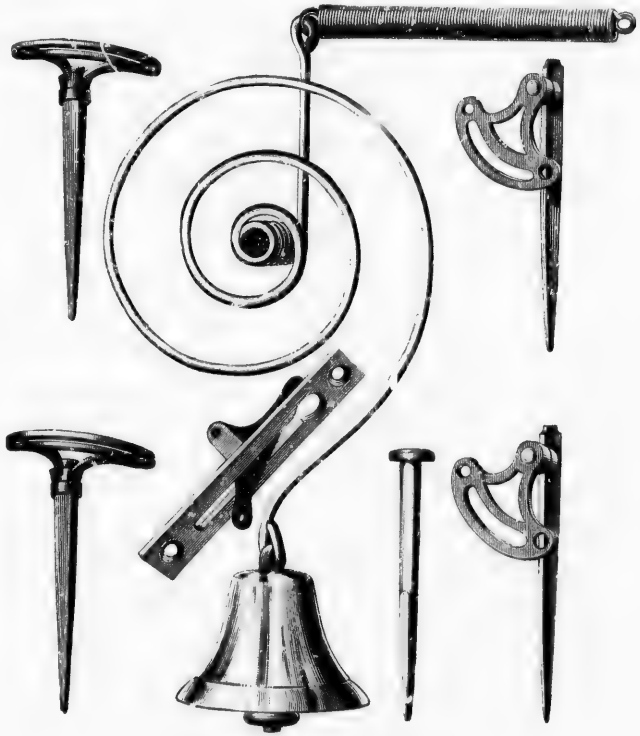
One-twelfth dozen in a box.

House Bells.

Ounces,	6	8	10
Diameter of Mouth,	2¼	2¾	3¼ inches.
Per pound, - - - - - - - - - - - - -			$0 40

In bulk.

House Bells on Carriages



Half Size Cut of No. 122 Complete.

No. 122, With No. 2 Polished Bells, complete with Trimmings, as per cut, per doz., $8 75
No. 222, With No. 2 Polished Bells, with Spikes only, - - " 4 00

Half dozen in a package.

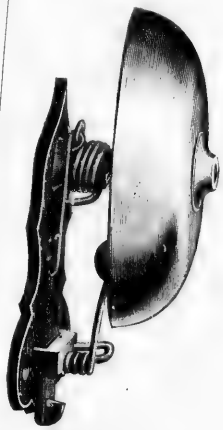
Patent Gong Bells.

Half Size Cut of 5 Inch.

No. 20 Bronzed Steel.

Inches,	3	4	5	6
Per dozen,	$6 00	7 50	10 50	15 00

One twelfth dozen in a box.



Abbe's Patent.
The above cut does not show the alarm attachment.

Alarm Door Bells,

WITH ALARM ATTACHMENT.

No. 25 Bronzed Steel, - - - per dozen, $9 00

One-twelfth dozen in a box.

Globe Hand Bells---Cone's Patent.

Third Size Cut of No. 50.

Silver White Finish.

No. 50, 5 Inch, - - - - - - - per dozen, $30 00
No. 55, 5½ Inch, - - - - - - - " 45 00

One-sixth dozen in a box.

Hand Bells.

Half Size Cut of No. 6.

Nickel Plated on White Metal.

Nos.	2	3	4	5	6	7
Diameter of Mouth,	2⅝	3	3¼	3¾	4	4¾ inch.
Per dozen,	$3 50	4 50	6 50	8 50	11 25	13 75

Nos.	8	9	10	12	14
Diameter of Mouth,	5¼	5½	6	6½	6¾ inch.
Per dozen,	$18 50	24 00	30 00	36 00	45 00

Milkman's Bells.

PURE BELL METAL.

No. 20, Milkman's Bells, very heavy, Diameter of Mouth, 4½ inches, per dozen, - $56 25
No. 25, Milkman's Bells, heavy, Diameter of Mouth, 4½ inches, " - 41 25

One-twelfth dozen in a package.

Farm Bells.

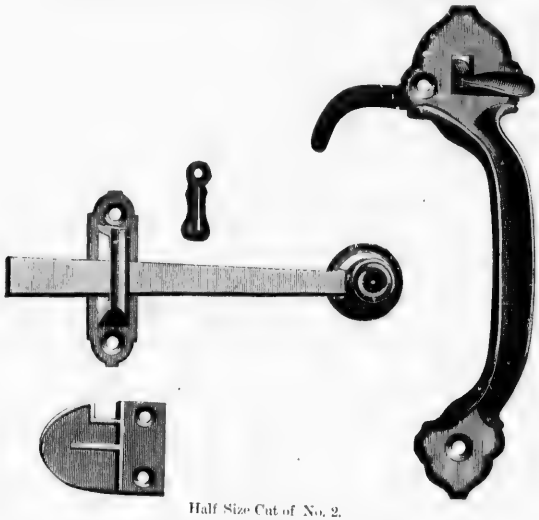
RICH GOLD BRONZED, BLACK JAPANNED MOUNTINGS.

Each,	$3 40	4 15	6 00	8 00
Nos.	1	2	3	4
Diameter, Inches,	15	17	19	21
Weight, lbs., about	40	50	75	100

Cow Bells.

Nos.	0	1	2	3	4	5	6	7
Height (without loop),	6¾	6¼	5¾	5	4¼	3⅜	2¾	[illegible]
Per dozen,	$12 00	10 00	8 00	6 00	[illegible] 00	4 00	3 00	2 [illegible]

Japanned Thumb Latches.



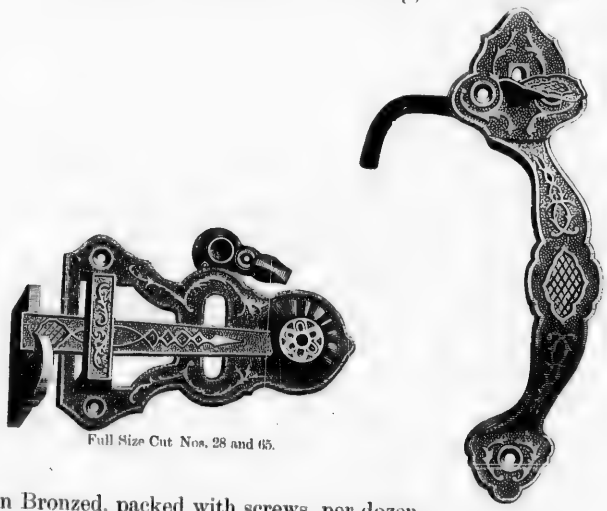
Half Size Cut of No. 2.

Japanned, Wrought Latch.

Nos.	1	2	3	4
Per dozen, -	$1 00	1 18	1 35	1 50

One dozen in a box, twelve dozen in a case.

Tuscan Bronzed Cottage Latches.



Full Size Cut Nos. 28 and 65.

No. 28, Tuscan Bronzed, packed with screws, per dozen, - - -	$2 75
" 65, " " " - - -	2 25

Half Size Cut of No. 16.

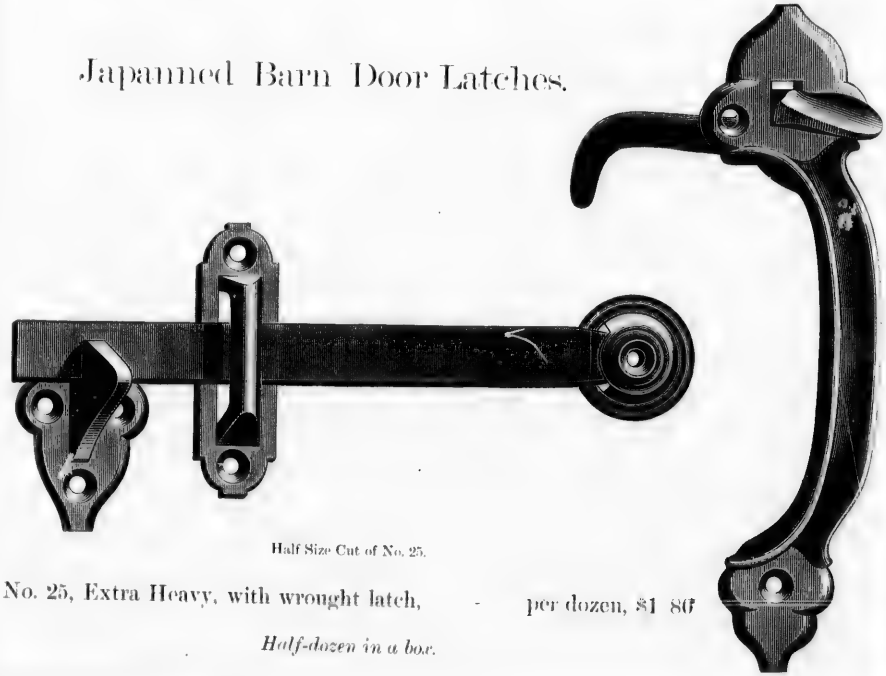
Store Door Handles, Japanned.

No. 16, with Plate, - per dozen, $3 00
No. 26, without Plate, per dozen, $2 40

Half-dozen in a box, each set papered separately.

Half Size Cut of No. 26.

Japanned Barn Door Latches.



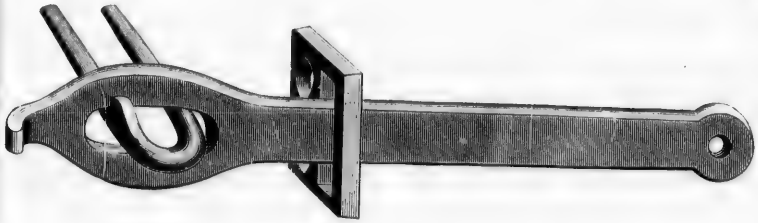
Half Size Cut of No. 25.

No. 25, Extra Heavy, with wrought latch, - per dozen, $1 80

Half-dozen in a box.

Half Size Cut of No. 26.

Barn Door Hasp and Latch.



One-half Size Cut of No. 126.

With Heavy Hasp, Twelve Inches Long.

No. 126, Japanned, with Staple Catch, - - - - per dozen, $1 75

One-half dozen in a box.

Barn Door Bolts.

One-half Size Cut of No. 13.

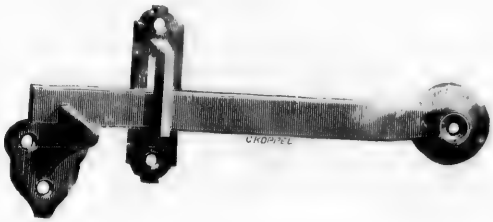
CAN BE USED FROM INSIDE OR OUTSIDE OF DOOR.

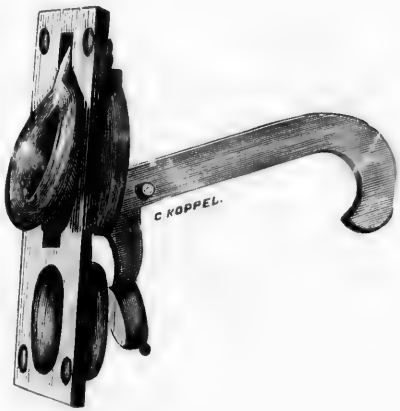
With Heavy Bolt, Ten Inches Long.

No. 13, Japanned, - - - - - - per dozen, $3 00

Half-dozen in a box.

Stable Door Latches.



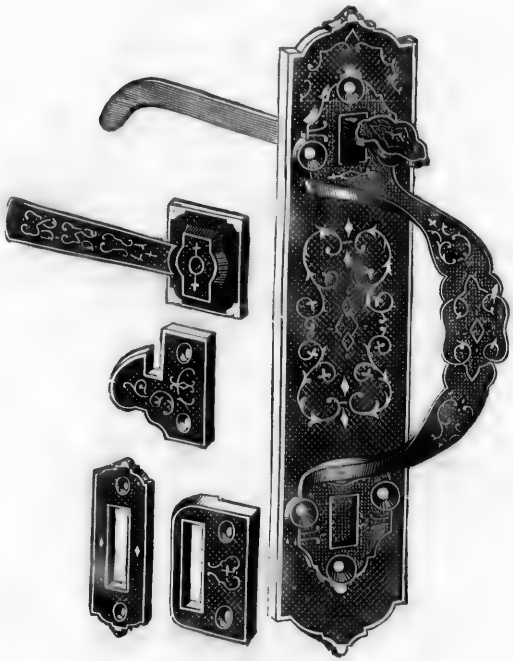


No. 195, Japanned, "Canadian,"	per dozen,	$3 40
No. 196, Japanned, "English,"	"	4 90

Half dozen in a package.

per dozen, $3 40
" 4 90

Bronzed Store Door Handles.



One-half Size Cut of No. 180.

For either Right or Left Hand Doors.

No. 180, Tuscan Bronzed, with Plate, - - - per dozen, $2 60

In boxes of one-half dozen each, with screws.

Bronzed Store Door Handles.

One-half Size Cut of No. 80.

For either Right or Left Hand Doors.

No. 80, Tuscan Bronzed, with Plate and Screws, - - per dozen, $3 00

Half dozen in a box.

Bronze Metal Store Door Handles.

Half Size Cut of No. 29.

For either Right or Left Hand Doors.

No. 29, Imperial Bronze, packed with Bronze Metal Screws, - per dozen, $26 00

Half-dozen in a box.

Bronzed Store Door Handles.

Half Size Cut of No. 1239. Patented.

FOR EITHER RIGHT OR LEFT HAND DOORS.

Anti-Friction Mortise Latch, Round Edge Case.

Tuscan Bronzed, Tuscan Bronzed Latch with Bronze Metal Bolt.
Double Handle.

No. 1235, Not Rabbeted,	per set,	$2 20
No. 1239, Full Rabbet,	"	2 60

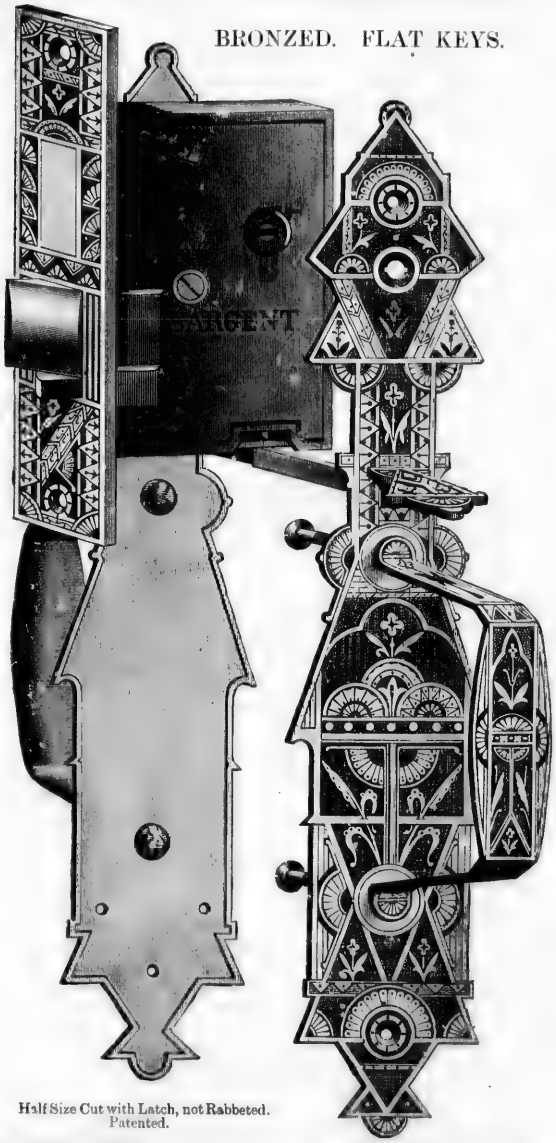
One set in a box.

Bronzed Store Door Handles and Lock.

BRONZED. FLAT KEYS.

Bronzed Lock with Bronze Metal Bolts.

Flat Steel Nickel-plated Keys.



English Bronzed.

3 Tumbler Lock, 4¼ x 3 Inches.

Packed with Screws. Be particular to specify Right Hand or Left Hand, as wanted.

Half Size Cut with Latch, not Rabbeted.
Patented.

BRONZED DOUBLE HANDLE. ANTI-FRICTION LATCH.

No. 3373, Not Rabbeted,	2 Flat Steel Keys,	per set,	$10 00
No. 3379, Rabbeted Front,	2 " "	"	11 00

One set in a box.

Door Pulls.

Half Size Cut of No. 150.

Half Size Cut of No. 160.

Half Size Cut of No. 528.

Half Size Cut of No. 1.

No. 150, Bronzed, packed with Screws,	per dozen,	$0 66
No. 160, Bronzed, Oblique, packed with Screws,	"	0 90
No. 1, Japanned, packed without Screws,	"	0 40
No. 528, Cast Brass, round handle, Polished and Lacquered,	"	13 00

Nos. 150 and 160, one dozen in a box; No. 1, two dozen in a box; No 528, half dozen in a box.

Full Size Cut of No. 520.

No. 520, Cast Brass, Polished and Lacquered, per dozen, $3 50

One dozen in a box.

Half Size Cut of No. 1.

Door Knockers.

No. 1, Japanned,	per dozen,	$2 10
No. 2, Bronzed,	"	2 70

Half dozen in a box.

English Tail Door Springs.

No. 18, Japanned,	per dozen,	$4 00
No. 20, "	"	4 10
No. 22, "	"	6 75
No. 24, "	"	7 20

Quarter dozen in a package.

Victor.

"Victor" Coil Door Springs.

COPPERED.

No. 170, For Light Screen Doors,	per dozen,	$1 50
No. 171, For Heavy Screen Doors,	"	2 00

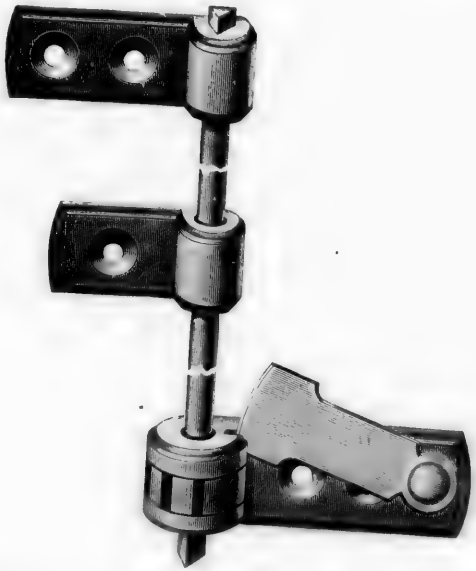
NO PIECES TO LOSE. TENSION CAN BE APPLIED, OR RELEASED, INSTANTLY.

Directions for Using the Patent Coil Springs.

Put on the spring diagonally, with the top to the right in all cases. Screw on the top bracket first and as near the edge as possible. Screw on the bottom bracket, also near the edge. Put on the power with the wrench by turning the spring to the left, and slide down the collar when enough power is obtained

Half dozen in a box.

Wire Door Springs.



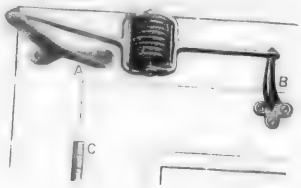
"Torrey."

Malleable Iron Fittings and Steel Rod, Packed with Screws.

Torrey, Japanned, ... per dozen, $3 00

One dozen sets fixtures in a box. One dozen steel rods in a package.

Hercules Door Springs.

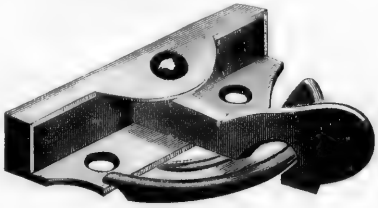


No. 3, Hercules Springs, ... per dozen, $6 75

No. 5, " " . . . . . " 4 80

Quarter dozen in a box.

Sash Fasteners.

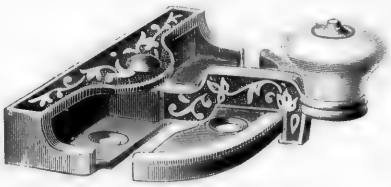


Full Size Cut of No. 0.

Plain Lever and Rivet.

No. 0, Japanned, - - - - - per dozen, $0 45

One dozen in a box.

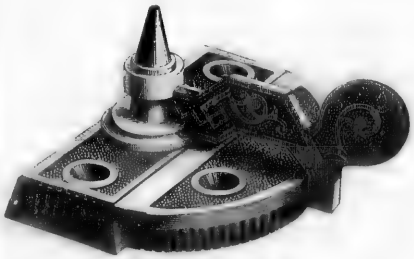


Full Size Cut No. 3.

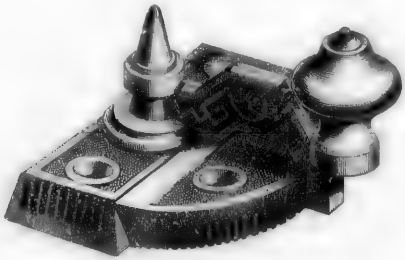
With Porcelain Knobs and Iron Rivets.

No. 3, Tuscan Bronzed, - - - - - per dozen, $0 75

One dozen in a box.



Full Size of Cut No. 23.



Full Size Cut of No. 25.

Ornamental Iron Lever and Rivet.

No. 23, Berlin Bronzed.

No. 25, Berlin Bronzed.

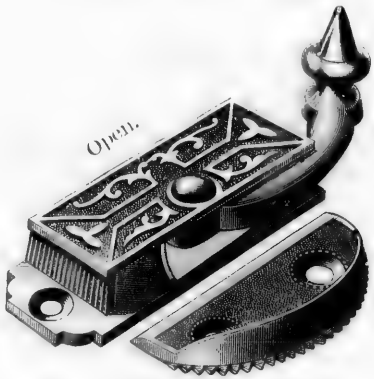
Porcelain Knob and Iron Rivet.

per dozen, $0 63

" 0 90

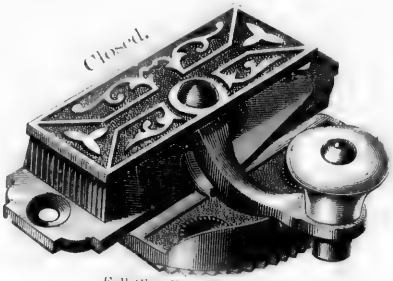
One dozen in a box.

Sash Fasteners.



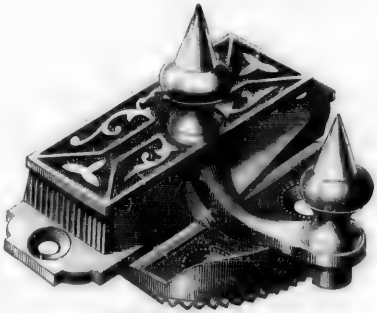
Full Size Cut of No. 520.

No. 520, Berlin Bronzed, packed with Screws, Iron Knob, per dozen, $1 20
One dozen in a box.



Full Size Cut of No. 521.

No. 521, Berlin Bronzed, packed with Screws, Porcelain Knob, per dozen, $1 50
One dozen in a box.



Full Size Cut of No. 522.

No. 522, Berlin Bronzed, packed with Screws, Bronze Metal Knob, Rivet, per dozen, $2 55
One dozen in a box.

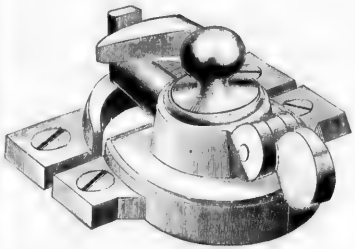
per dozen, $1 20

per dozen, $1 50

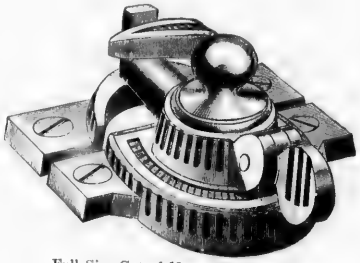
er dozen, $2 55

"The Daisy" Patent Sash Fasteners.

Burglar Proof.

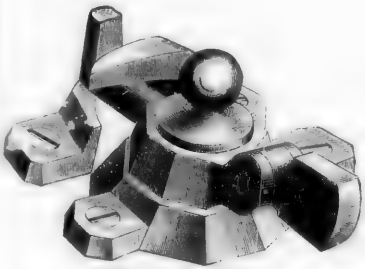


Full Size Cut of Nos. 1326, 1326¼ and 1326½.

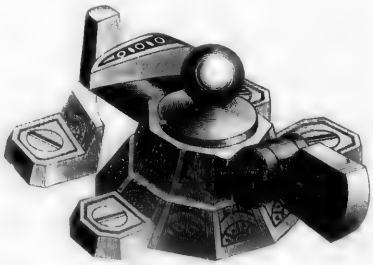


Full Size Cut of Nos. 3326 and 3326¼.

No. 1326, Plain, Amber Bronzed, with Bronze Metal Tip, with Screws, per doz., $1 35
No. 1326¼, Plain, Polished Brass, with Brass Tip, - - - " 6 50
No. 1326½, Plain, Polished Bronze Metal, Bronze Metal Tip, Screws, " 7 50
No. 3326, Ornamental Amber Bronzed, Bronze Metal Tip with Screws, " 1 80
No. 3326¼, Ornamental Amber Bronzed, Bronze Metal Tip and Drop, with Screws, - - - - - - " 2 70



Full Size Cut of No. 1355¾.

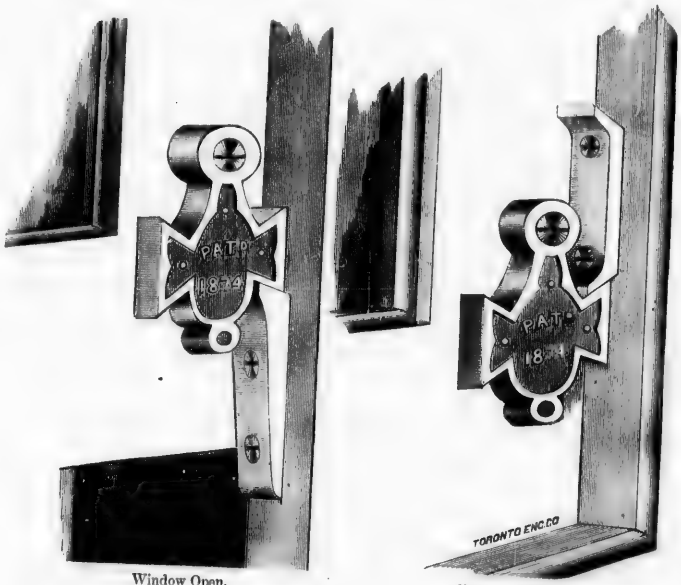


Full Size Cut of No. 4355.

No. 1355¾, Plain, Nickel Plated, Beveled Edges, with Tip and Screws, per doz., $9 00
No. 4355, Ornamental Bronze Metal, Beveled Edges, Tip and Screws, " 7 50

One dozen in a box.

Sash or Window Locks.



Window Open. Window Closed.

Dixon's.

This is a neat, simple, safe and convenient fastener. It has no springs to get out of order, and adjusts itself to position when the sash is raised or lowered.

Dixon's Copper Bronzed, - - per gross, $6 75

Garretson's.

Garretson's Copper Bronzed, - - - per gross, $4 75

Half gross in a box.

of order, and adjusts

per gross, $6 75

r gross, $4 75

Window Spring Bolts.

Full Size Cut of Nos. 115 and 120.

No. 115, Copper Bronzed, - - - - - per gross, $1 60
No. 120, Japanned, Silver Tip, - - - - - " 2 00

Full Size Cut of No. 137.

No. 137, Wrought Iron, Tinned, - - - - per gross, $4 50

Half gross in a box.

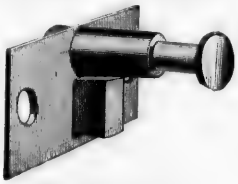
Window Spring Bolt Sockets.

Full Size Cut of Nos. 115, 120 and 137.

No. 50, Sockets for Window Spring Bolts, - - - per gross, $0 50

One gross in a box.

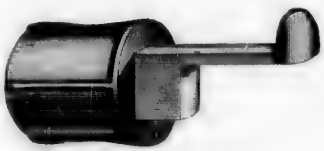
Spiral Spring Window Springs.



Full Size Cut of No. 6.

No. 6, Iron Case and Bolt, - - - - - - - per gross, $4 00

Half gross in a box.



Full Size Cut of Nos. 17 and 19.

Self-Fastening Drive Socket to fit ¾ Inch Hole.

No. 17, Iron Case, Cast Brass Bolt, - - - - - per gross, $9 00
No. 19, Iron Case, Malleable Iron Bolt, - - - " 6 25

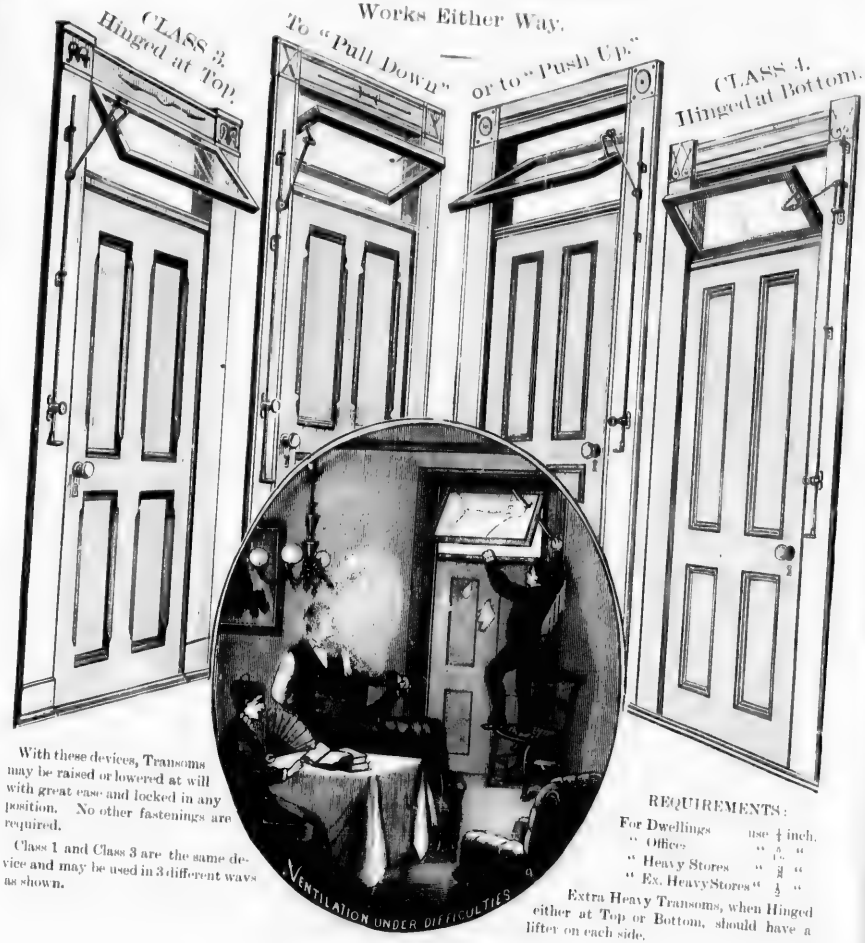
Half gross in a box.

J. F. Wollensak's Patent Transom Lifter and Lock.

CLASS 1, HUNG ON CENTRES.

Works Either Way.

To "Pull Down" or to "Push Up."



With these devices, Transoms may be raised or lowered at will with great ease and locked in any position. No other fastenings are required.

Class 1 and Class 3 are the same device and may be used in 3 different ways as shown.

REQUIREMENTS:

For Dwellings	use	$\frac{1}{4}$ inch.
" Offices	"	$\frac{5}{16}$ "
" Heavy Stores	"	$\frac{3}{8}$ "
" Ex. Heavy Stores	"	$\frac{1}{2}$ "

Extra Heavy Transoms, when Hinged either at Top or Bottom, should have a lifter on each side.

Bronzed—Classes 1 and 3.

Length of Rod,	3	4	5	6	7	8 feet.
Size of Rod,	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{5}{16}$	$\frac{3}{8}$	$\frac{3}{8}$ inch.
Each,	81 10	1 30	2 00	2 20	3 20	3 50.

Class 4 we do not stock, but can supply at short notice.

Sash Lifts.

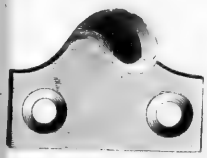
Full Size Cut of No. 100.

Full Size Cut of No. 3190.

Packed with Screws.

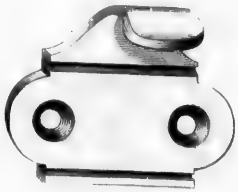
No. 100, Tuscan Bronzed, - - - - - per gross, $3 00
No. 3190, Bronze Metal, - - - - - - per dozen, 1 50

Three dozen in a box.



Full Size Cut of No. 65.

Full Size Cut of No. 6179, Venetian.



Full Size Cut of No. 2185.

All Packed with Screws, except No. 110.

No. 65, Nickeled on Cast Brass, - - - - - per dozen, $1 80
No. 110, Cast Brass Ring, - - - - - - " 1 05
No. 6179, Imperial Bronze Metal, - - - - " 2 00
No. 2185, Polished Bronze Metal, - - - - " 2 25

Three dozen in a box.

Full Size Cut of No. 3313.

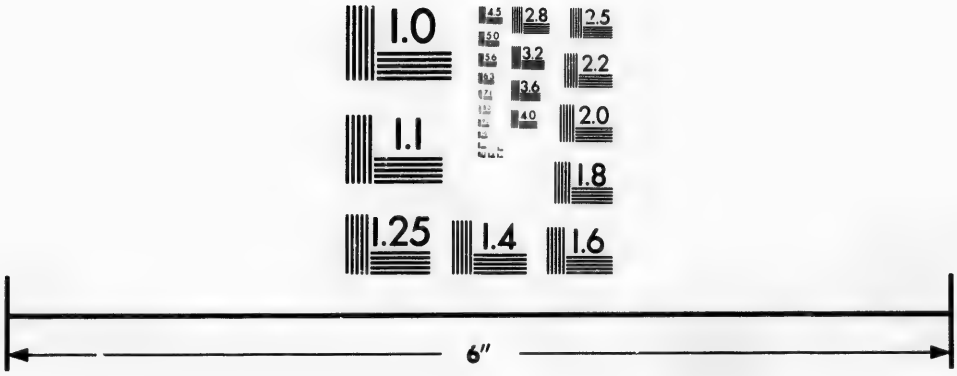
Full Size Cut of No. 151.

Packed with Screws.

No. 3313, Berlin Bronzed, - - - - - - per dozen, $1 00
No. 151, Berlin Bronzed, Flush Sash Lift, - - - - - per gross, 7 25

No. 3313, three dozen in a box. No. 151, two dozen in a box.

IMAGE EVALUATION
TEST TARGET (MT-3)



Photographic
Sciences
Corporation

23 WEST MAIN STREET
WEBSTER, N.Y. 14580
(716) 872-4503

2.8
2.5
3.2
2.2
3.6
2.0
4.0
1.8
1.1
1.0

Axle Pulleys.

Full Size Cut of $1\frac{3}{4}$ Inch.

Polished Wheel, Plain Face.

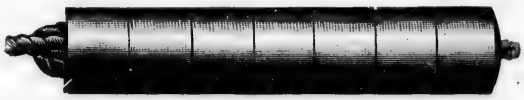
$1\frac{3}{4}$ inch,	per dozen,	$0 33
2 "	"	0 37
$2\frac{1}{4}$ "	"	0 60

In Bulk.

Sash Cord Irons.

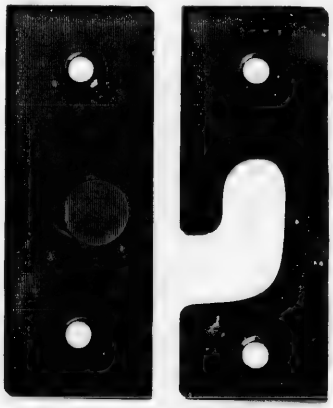
Fu'l Size Cut of No. 1.

Sectional Sash Weights.



No. 1, Sash Cord Irons, one gross in a box, - - - per gross, $0 60
Sectional Sash Weights, $1\frac{3}{4}$ inch diam., weight 8 oz. each, in 100 lb. boxes, per lb., 0 05

Japanned Sash Centres.



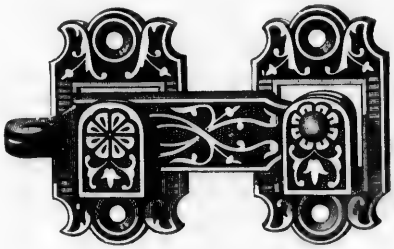
Full Size Cut of No. 2.

No. 2, Japanned, heavy, $\frac{3}{16}$ inch stem, - - - - per gross, $3 75

Half gross in a box.

Shutter Bars.

Ful Size Cut of No. 137.

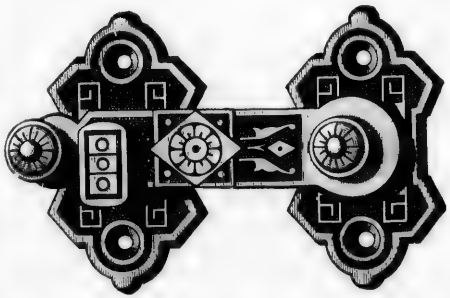


Full Size Cut of No. 30.

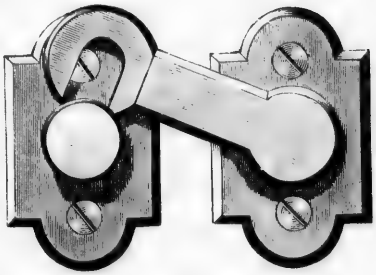
Packed with Screws.

No. 137, $2\frac{1}{2}$ inches,	Tuscan Bronzed,	per dozen,	$0 40
No. 30, $2\frac{1}{2}$ "	Tuscan Bronzed,	"	0 85

One dozen in a box.



Full Size Cut of No. 33.



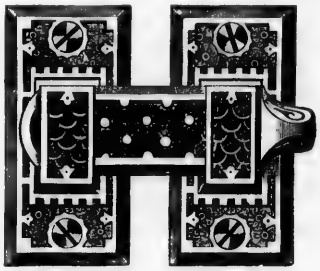
Four-fifths Size Cut of Nos. 50 and 55.

Packed with Screws.

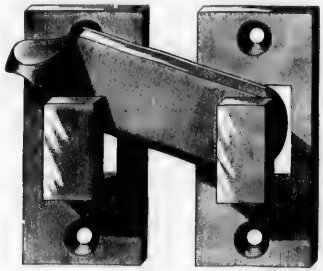
No. 33, $2\frac{1}{2}$ inches,	Tuscan Bronzed, with Bronze Metal Knobs,	per dozen,	$1 30
No. 50, $2\frac{1}{2}$ "	Burnished Brass,	"	2 00
No. 55, $2\frac{1}{2}$ "	Nickel Plated on Brass,	"	4 00

One dozen in a box.

Shutter Bars.



Four-fifths Size Cut of No. 2693.



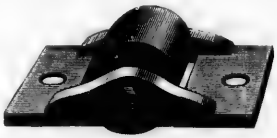
Four-fifths Size Cut of No. 2687½.

Packed with Screws.

No. 2693,	2½ inches,	Imperial Bronze Metal, - - -	per dozen, $3 25
No. 2687½,	2½ "	Polished Bronze Metal, - - - -	" 4 00

One dozen in a box.

No. 10, Japanned Sash Rollers.

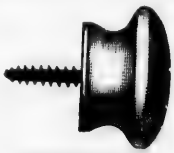


Full Size Cut of ⅞ Inch.

Inch,	⅝	¾	⅞	1	1¼
Per gross,	$3 15	3 75	5 50	7 50	10 00

⅝ to 1 inch, half gross in a box; 1¼ inch, quarter gross.

No. 1, Porcelain Shutter Knobs.



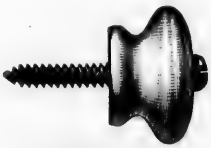
Full Size Cut of 1 Inch.

With Fast Screw.

Inch,	⅝	¾	1	1¼	1½
Per gross,	$3 75	3 90	4 40	6 20	7 75

Quarter gross in a box.

No. 15, Porcelain Shutter Knobs.



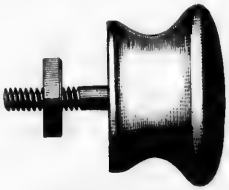
Full Size Cut of 1 Inch.

Round Head Tinned Screw.

Inch,	$\frac{5}{8}$	$\frac{3}{4}$	1	$1\frac{1}{4}$	$1\frac{1}{2}$
Per gross,	$3 35	3 50	3 75	5 50	6 75

Quarter gross in a box.

No. 5, Porcelain Drawer Knobs.



Full Size Cut of $1\frac{1}{4}$ Inch.

Inch,	1	$1\frac{1}{4}$	$1\frac{1}{2}$	$1\frac{3}{4}$	2
Per gross,	$6 50	8 25	9 50	11 75	13 50

Fast Screw, with Nut and Washer.

One-quarter gross in a box.

Bird Cage Hooks.

Half Size Cut of No. 3.

With Wrought Screw.

No. 3, $7\frac{1}{2}$ inches, Bronzed, - - - - - per dozen, $0 82

One dozen in a box.

Bird Cage Hooks.

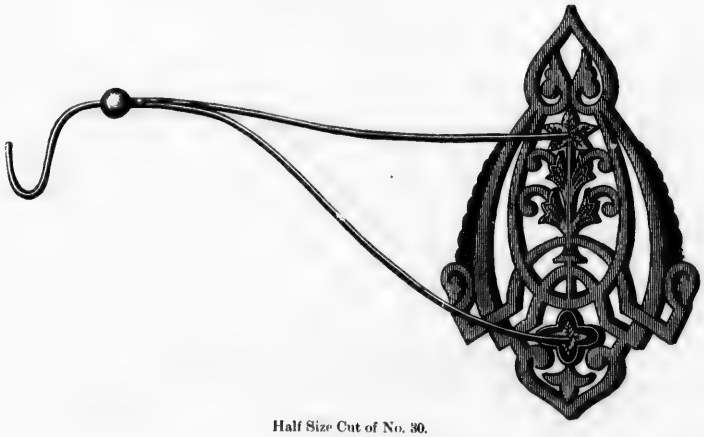
Half Size Cut of No. 25.

FOR HANGING BASKETS AND BIRD CAGES; EXTRA HEAVY.

To Swing.

No. 25, 10 inches, Bronzed, packed with Screws, - - per dozen, $2 40

One dozen in a box.



Half Size Cut of No. 30.

Wrought Iron, Braced.

No. 30, 9 inches, Bronzed, - - - - - per dozen, $1 85

Half dozen in a package.

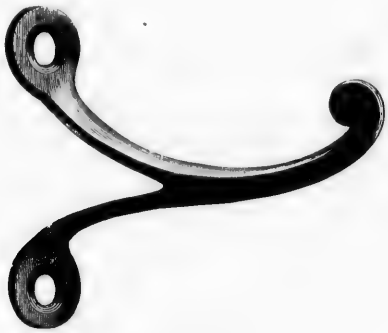
EAVY.

dozen, $2 40

dozen, $1 85

Wardrobe Hooks.

Full Size Cut of No. 3.

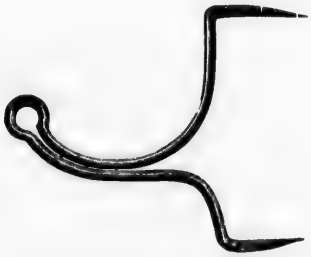


Full Size Cut of No. 4.

No. 3, Japanned,	per gross,	$0 80
No. 4, Japanned,	"	1 00

No. 3, one gross in a box; No. 4, half gross in a box.

Full Size Cut of No. 15.



Full Size Cut of Cole's Indestructible.

No. 15, Coppered,	per gross,	$1 35
Cole's Coppered Wire,	"	1 60

No. 15 in half gross boxes; Cole's in one gross boxes.

Hat and Coat Hooks.

Full Size Cut of No. 3.

No. 3, Japanned,	per gross,	$1 25
No. 3, Copper Bronzed,	"	1 50

Half gross in a box.

Full Size Cut of No. 33.

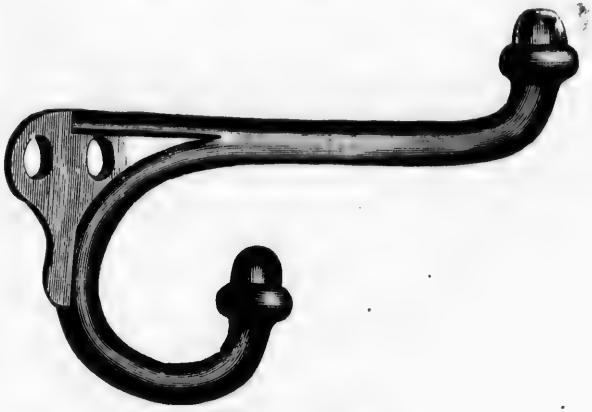
No. 33, Japanned,	per gross,	$2 00
No. 33, Copper Bronzed,	"	2 25

One-third gross in a box.

r gross, $1 25
" 1 50

gross, $2 00
" 2 25

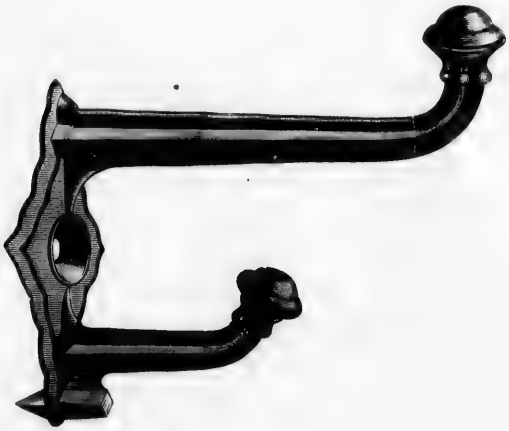
Hat and Coat Hooks.



Full Size Cut of No. 133.

No. 133, Japanned, - - - - - - - per gross, $2 40
No. 133, Copper Bronzed, - - - - - - - " 2 65

Quarter gross in a box.



Full Size Cut of No. 13.

No. 13, Copper Bronzed, - - - - - - - per gross, $3 00

Quarter gross in a box.

Hat and Coat Hooks.

Full Size Cut of No. 102.

No. 102, Tuscan Bronzed, - - - - - per gross, $3 75

One-third gross in a box.

Full Size Cut of No. 5.

No. 5, Japanned, - - - - - per gross, $3 25

No. 5, Copper Bronzed, - - - - " 3 50

One-third gross in a box.

gross, $3 75

gross, $3 25
3 50

Hat and Coat Hooks.

Full Size Cut of No. 47.

Tuscan Bronzed.

No. 41, 4¼ inches, packed with Screws, - - - - per dozen, $0 60

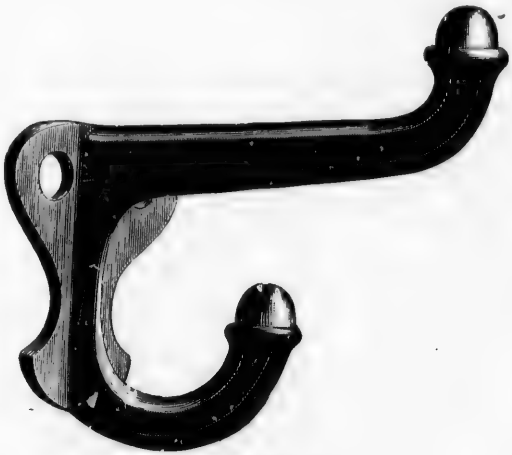
One dozen in a box.

School House Hooks.

Full Size Cut of No. 23.

No. 23, Japanned, - - - - - - - per gross, $2 50

Quarter gross in a box.



Full Size Cut of No. 21.

No. 21, Japanned,	per gross,	$4 00
No. 22, "	"	4 50
No. 21, Copper Bronzed,	"	4 25
No. 22, "	"	4 75

One-sixth gross in a box.

r gross, $2 50

gross, $4 00
4 50
4 25
4 75

Hat and Coat Hooks.

Full Size Cut of No. 29.

No. 29, Japanned,	per gross,	$2 00
No. 29, Coppered,	"	2 25

Quarter gross in a box.

School House Hooks.

Full Size Cut of No. 30.

No. 30, Japanned,	per gross,	$4 00
No. 30, Coppered,	"	4 25

Quarter gross in a box.

Hat and Coat Hooks.

Full Size Cut of No. 392.

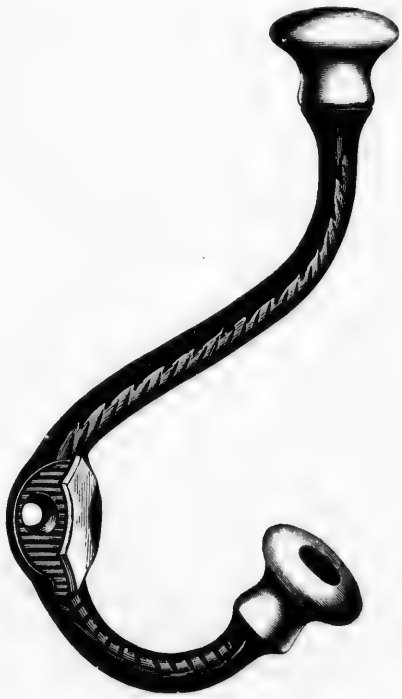
Patent Fastened Porcelain Knobs.

No. 392, Berlin Bronzed, packed with Screws, - - - per dozen, $1 50

One dozen in a box.

zen, $1 50

Hat and Coat Hooks.



Full Size Cut of No. 736.

Patent Fastened Porcelain Knobs.

No. 336, Cast Brass, Polished and Lacquered, - - - per dozen, $3 00

One dozen in a box.

Hat and Coat Hooks.

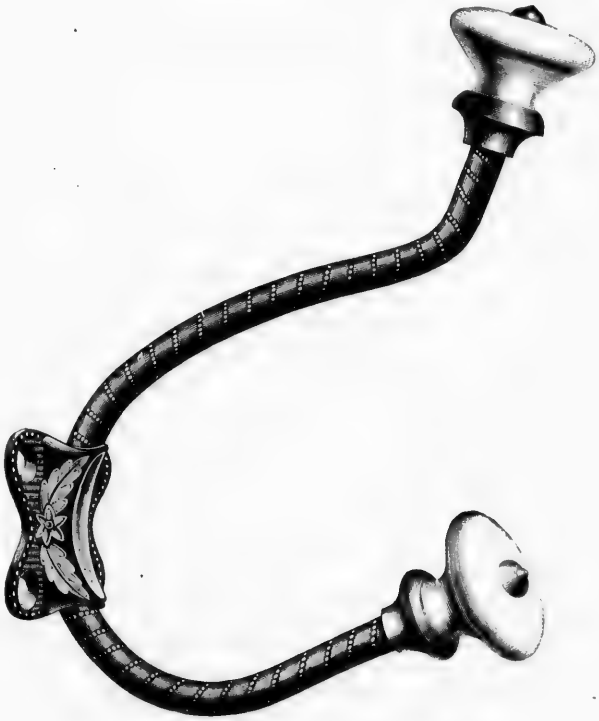
Full Size Cut of No. 600.

Cast Brass, Porcelain Knobs.

No. 600, Plain Brass, Polished and Lacquered, Porcelain Knobs, - per dozen, $2 00

One dozen in a package.

Hat and Coat Hooks.



Full Size Cut of No. 670.

Cast Brass, Porcelain Knobs.

No. 670, Fancy Brass, Polished and Lacquered, Porcelain Knobs, - per dozen, $2 70

One dozen in a package.

Hat and Coat Hooks.

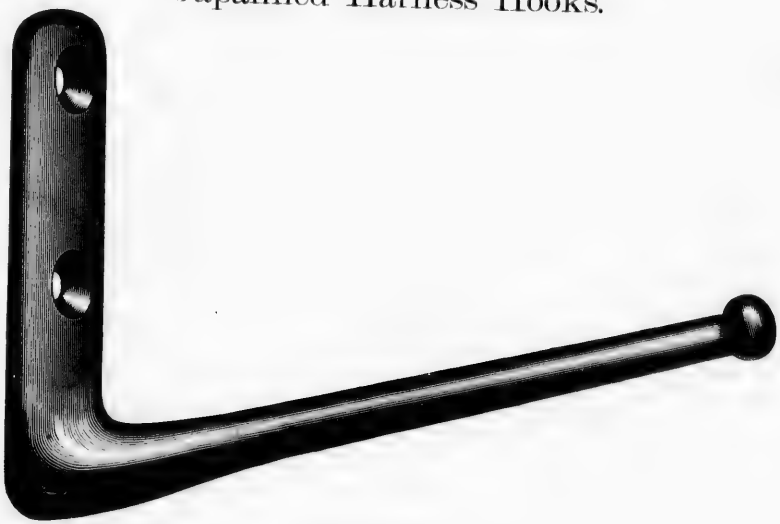
Full Size Cut of No. 339.

Patent Fastened Porcelain Knobs.

No. 339, Cast Brass, Polished and Lacquered, - - - per dozen, $4 20

One dozen in a box.

Japanned Harness Hooks.

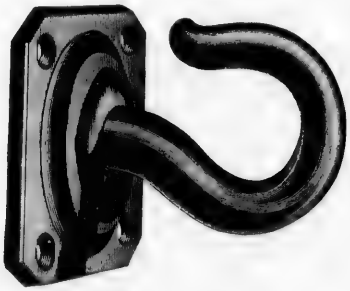


Full Size Cut of No. 9.

No. 9, Japanned, - - - - - - per dozen, $0 85

Two dozen in a package

Clothes Line Hooks.

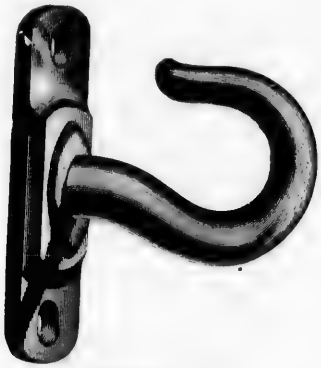


Full Size Cut of No. 2.

No. 2, Japanned, - - - - - - per dozen, $0 45

One dozen in a box.

Clothes Line Hooks.



Full Size Cut of No. 3.

No. 3, Japanned, - - - - per dozen, $0 37

Two dozen in a box.

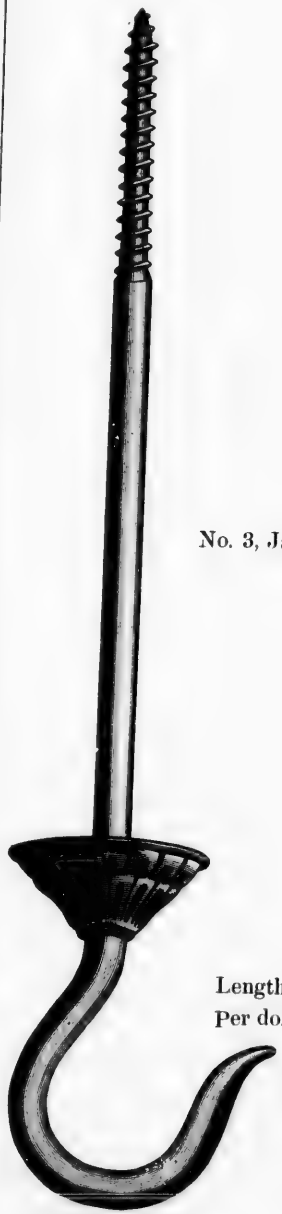
Chandelier Hooks.

No. 410, TUSCAN BRONZED.

Wrought Iron.

Length of Screw,	4	6	8	10 inches.
Per dozen,	$1 50	2 00	2 50	3 00

One dozen in a box.



No. 410, Full Size Cut of 6 Inch.

dozen, $0 37

10 inches.
3 00

Chandelier Hooks.

Grecian Pattern.
Full Size Cut of 4 Inch.

Grecian Pattern.

WROUGHT SCREW.

No. 240, Tuscan Bronzed.

Length of Screw,	4	6	8	10 in.
Per dozen,	$1 70	2 00	2 50	3 00

One dozen in a box.

Chandelier Hooks.

Dolphin Pattern.
Full Size Cut of 4 Inch.

Dolphin Pattern.

WROUGHT SCREW.

No. 120, Japanned.

Length of Screw,	4	6	8	10 in.
Per dozen,	$1 12	1 40	1 75	2 00

No. 220, Tuscan Bronzed.

Length of Screw,	4	6	8	10 in.
Per dozen,	$1 45	1 75	2 25	2 75

One dozen in a box.

Japanned Lamp Hooks.

Full Size Cut of No. 2.

Wrought Screws.

Nos.	1	2	3	4	5
Inch,	1½	1¾	1⅞	2	2¼
Per gross,	$1 65	2 00	2 50	2 80	3 80

Quarter gross in a box.

Brass Lamp Hooks.

Wrought Screw.

Style as per above Cut.

Cast Brass, Polished and Lacquered.

Length of Screw,	4	6	8	10 inches.
Per dozen,	$1 60	1 80	2 10	2 75

Three dozen in a package.

Brass Screw Hooks.

Full Size Cut of ½ Inch.

Full Size Cut of 1 Inch.

Brass Wire, Polished and Lacquered.

Inch,	½	¾	1	1¼	1½
Per gross,	$1 50	2 00	2 35	2 75	3 20

One gross in a box.

Brass Cup Hooks.

Full Size Cut of ¾ Inch.

Full Size Cut of 1 Inch.

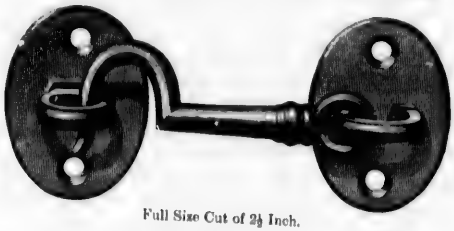
Full Size Cut of 1¼ Inch.

Brass Wire, Polished and Lacquered.

Inch,	¾	1	1¼	1½
Per gross,	$2 40	3 15	5 10	6 30

Half gross in a box.

Brass Cabin Door Hooks.



Full Size Cut of 2½ Inch.

Cast Brass, Polished and Lacquered.

Inch,	2½	3
Per dozen,	$2 25	2 60

Two dozen in a box.

Bright Wire Screw Hooks.

Cuts Full Size.

No. 20. No. 18. No. 16.

For list prices see page 90.

Bright Wire Screw Hooks.

Cuts Full Size.

No. 15.

No. 14.

No. 13.

No. 12.

No. 11.

No. 10.

For list prices see page 90.

Bright Wire Screw Hooks.

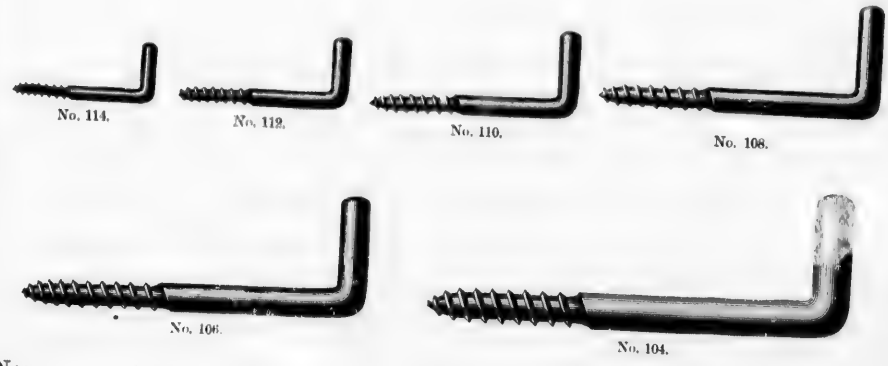
Full Size Cuts.

No. 9. No. 8. No. 7. No. 6. No. 5. No. 4. No. 3.

Bright Wire.

Nos.	20	18	16	15	14	13	12	11
Per gross,	$5 70	4 25	3 50	2 90	2 40	2 00	1 65	1 30
Nos.	10	9	8	7	6	5	4	3
Per gross,	$1 00	0 85	0 75	0 60	0 50	0 38	0 33	0 27

Nos. 20 to 13, half gross in a box; all other numbers, one gross.



No. 114. No. 112. No. 110. No. 108. No. 106. No. 104.

Nos.	114	112	110	108	106	104
Per gross,	$1 20	1 30	1 46	1 86	2 50	3 50

One gross in a box.

Polished Iron Bed Hooks and Eyes.

Full Size Cut of 2 Inch.

Polished Iron, Oval, Either Right or Left Hand.

Inch,	1¼	2	2½	3
Per gross,	$0 90	1 00	1 50	2 00

One gross in a box.

Brass Hooks and Eyes.

Full Size Cut of 1½ Inch.

Double Convex, Either Right or Left Hand.

Inch,	¾	1	1¼	1½	2	2½
Per gross,	$1 80	2 05	2 20	2 50	3 30	5 00

One gross in a box.

Bright Wire Screw Eyes.

Full Size Cuts.

No. C 8 No. C 7. No. C 6. No. C 5. No. C 4. No. C 3.

We also keep in stock C 1 and C 2, which are not illustrated; they are smaller than C 3.

For list prices see page 94.

Bright Wire Screw Eyes.

Full Size Cuts.

No. C 20.

No. C 18.

No. C 17.

No. C 14.

No. C 13.

No. C 12.

No. C 11.

No. C 10.

No. C 9.

For list prices see page 94.

Bright Wire Screw Eyes.

Full Size Cuts.

No. B 12. No. B 11. No. B 10. No. B 9. No. B 8. No. B 7. No. B 6.

No. B 2. No. B 3. No. B 4. No. B 5.

No. A 14. No. A 13. No. A 12. No. A 10. No. A 9. No. A 8. No. A 7. No. A 6. No. A 5.

No. A 2. No. A 3. No. A 4.

For list prices see page 94.

Bright Wire Screw Eyes.

PRICE LIST.

Suit "A."

Nos.	3	4	5	6	7	8
Per gross,	$0 18	0 24	0 28	0 33	0 40	0 45
Nos.		9	10	11	12	14
Per gross,		$0 50	0 60	0 70	0 86	1 24

Suit "B."

Nos.	1	2	3	4	5	6
Per gross,	$0 17	0 18	0 22	0 27	0 33	0 40
Nos.	7	8	9	10	11	12
Per gross,	$0 45	0 50	0 60	0 75	0 85	1 00

Suit "C."

Nos.	1	2	3	4	5	6	7	8	9
Per gross,	$0 18	0 20	0 24	0 30	0 37	0 45	0 53	0 60	0 70
Nos.		10	11	12	13	14	16	18	20
Per gross,		$0 80	1 00	1 20	1 40	1 60	2 26	2 86	4 00

All numbers up to C12, *one gross in a box;* C20 *to* C12, *half gross.*

Bright Wire Screw Eyes

For Stovepipes.

3½ inches long, - - - - - - per gross, $0 65

One gross in a box.

8
0 45

14
1 24

6
0 40

12
1 00

8 9
60 0 70

18 20
86 4 00

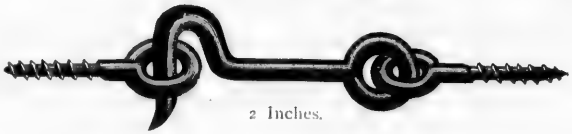
oss, $0 65

Bright Wire Gate Hooks and Eyes.

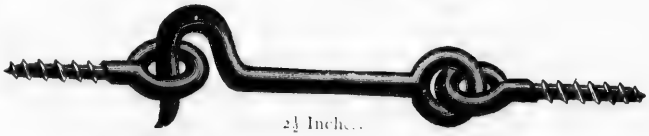
BRIGHT WIRE.

Inch.	Per gross.
1½	$1 40
2	1 70
2½	2 10
3	2 30
3½	2 80
4	3 35
4½	4 00
5	4 80
6	6 50

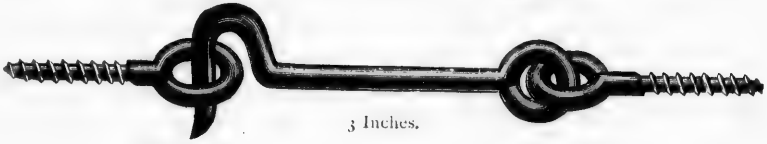
1½ Inches.



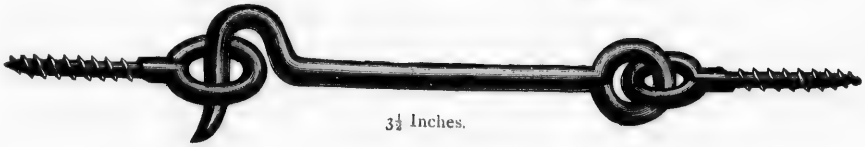
2 Inches.



2½ Inches.

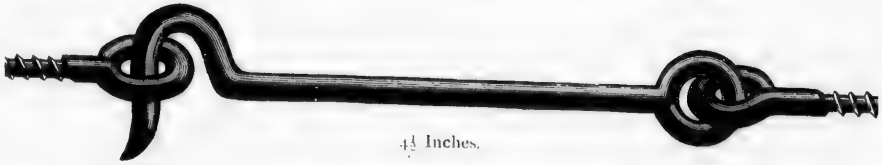


3 Inches.



3½ Inches.

4 Inches.

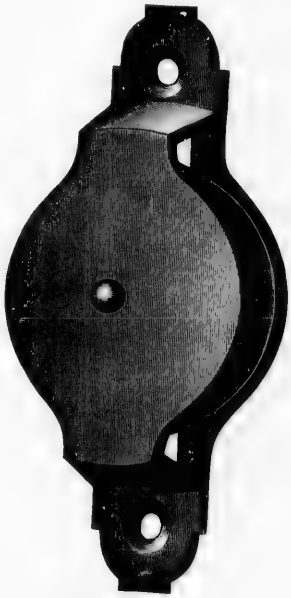


4½ Inches.

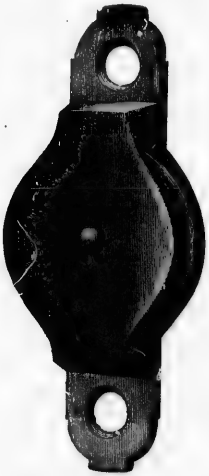
5 Inches.

1½ inch, one gross in a box; 2 to 4 inches, half gross in a box; 4½ inches and above, quarter gross in a box.

Side Pulleys.



Full Size Cut of 2 Inch.



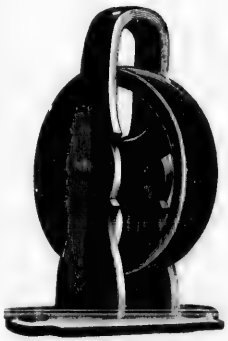
Full Size Cut of 1½ Inch.

Inch,	1½	1¾	2	2½	3
Per dozen,	$1 00	1 20	1 60	2 40	3 50

2 inch and smaller, two dozen in a box; 2½ inch, one dozen; 3 inch, half dozen.

Upright Pulleys.

Japanned.



Full Size Cut of 1¾ Inch.

1¾ Inch, Japanned,	per dozen,	$1 10
2 " "	"	1 30

Two dozen in a box.

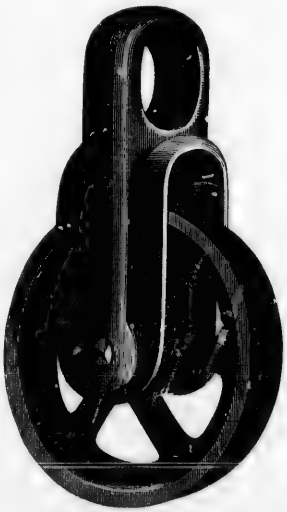
Full Size Cut of 1¾ Inch.

Screw Pulleys.

Japanned.

Inch,	1¼	1½	1¾	2
Per dozen,	$0 60	0 68	0 82	1 10
Inch,		2½		3
Per dozen,		$1 60		2 25

1 to 2 inch, two dozen in a box; 2½ and 3 inch, one dozen.



No. 65. Full Size Cut of 2½ Inch.

Clothes Line Pulleys.

No. 65, Japanned.

2½ Inch, Japanned,	per dozen,	$1 15
3 " "	"	1 85

One dozen in a box.

Tackle or Awning Pulleys.

Full Size Cut of 1½ Inch.

SINGLE.

No. 74, Japanned.

Inch,	¾	1	1¼	1½	1¾	2
Per dozen,	$0 70	0 85	1 00	1 30	1 65	2 50

No. 174, Galvanized.

Inch,	¾	1	1¼	1½	1¾	2
Per dozen,	$1 05	1 25	1 65	2 40	3 25	5 00

2 inch, half dozen in a box; other sizes one dozen.

Tackle or Awning Pulleys.

Full Size Cut of 1½ Inch.

DOUBLE.

No. 76, Japanned.

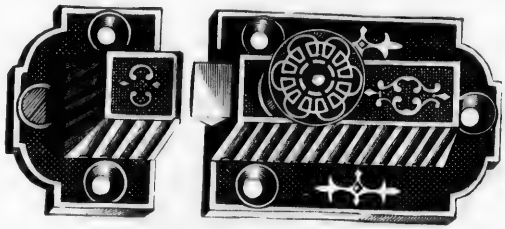
Inch,	¾	1	1¼	1½	1¾	2
Per dozen,	$1 05	1 25	1 35	2 00	2 88	3 50

No. 176, Galvanized.

Inch,	¾	1	1¼	1½	1¾	2
Per dozen,	$1 65	2 00	2 25	3 70	6 00	7 35

2 inch, half dozen in a box; all other sizes, one dozen.

Cupboard Catches.

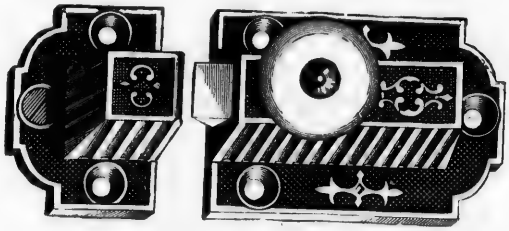


Full Size Cut of No. 327.

PATENT TRIANGULAR BOLT.

Bronze Metal Knob.

No. 327, Tuscan Bronzed, Packed with Screws, - - - per gross, $10 50



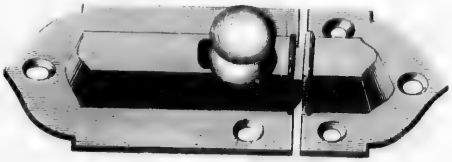
Full Size Cut of No. 427.

Porcelain Knob.

No. 427, Tuscan Bronzed, Packed with Screws, - - - per gross, $10 50

One-sixth gross in a box.

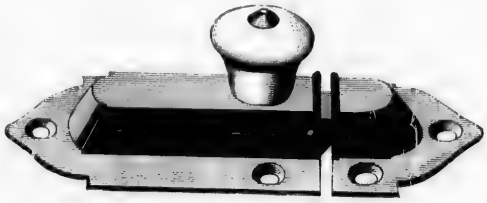
Japanned Rural Cupboard Catches.



Full Size Cut of No. 300.

With Brass Knobs.

No. 300, 2½ inches, Japanned, - - - - - per gross, $7 80

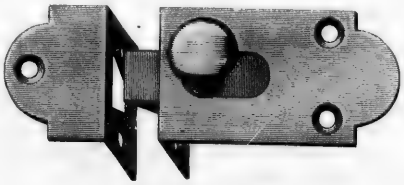


Full Size Cut of No. 304.

With Porcelain Knobs.

No. 304, 2½ inches, Japanned, - - - - - per gross, $7 80

One-quarter gross in a box.

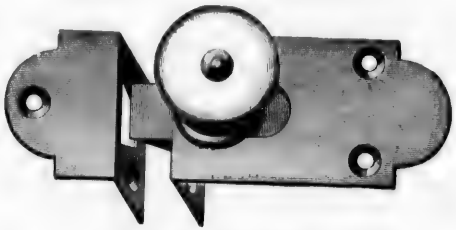


Full Size Cut of No. 2500.

No. 2500, Wrought Brass Plate, Cast Brass Knob, - - - per gross, $12 00

One-sixth gross in a box.

Cupboard Catches.

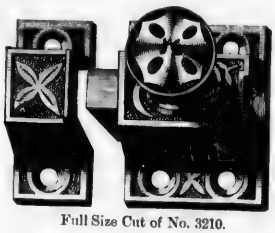


Full Size Cut of No. 2505.

No. 2505, Wrought Brass Plate, Porcelain Knob, - - - Per gross, $15 00

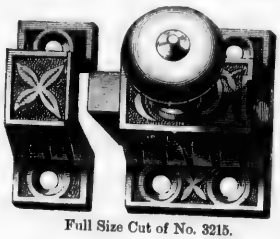
One-sixth gross in a box.

Bronzed French Window Catches.



Full Size Cut of No. 3210.

No. 3210, Tuscan Bronzed with Screws, Bronze Metal Knob, - per gross, $9 00



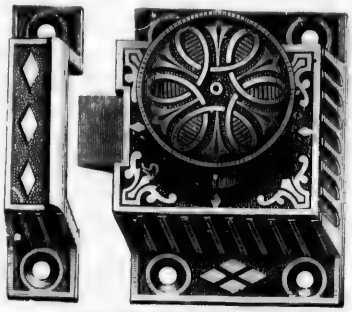
Full Size Cut of No. 3215.

No. 3215, Tuscan Bronzed, with Screws, Porcelain Knob, - per gross, $9 00

One sixth gross in a box.

Cupboard Turns---Beveled Edges.

PATENT TRIANGULAR BOLT.

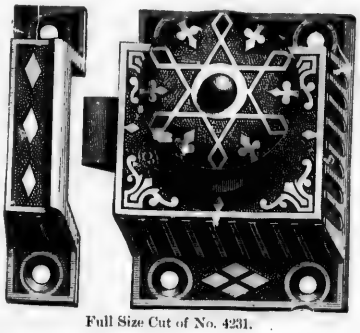


Full Size Cut of No. 4230.

TUSCAN BRONZED KNOB.

Packed with Screws.

No. 4230, Tuscan Bronzed, - per dozen, $1 95



Full Size Cut of No. 4231.

BRONZE METAL KNOB.

Packed with Screws,

No. 4231, Tuscan Bronzed, - per dozen, $2 25

Full Size Cut of No. 4432.

BRONZE METAL T HANDLE.

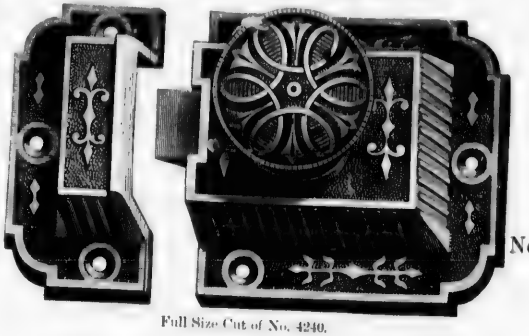
Packed with Screws.

No. 4432, Berlin Bronzed, - per dozen, $2 85

One dozen in a box.

Cupboard Turns—Beveled Edges.

PATENT TRIANGULAR BOLT.

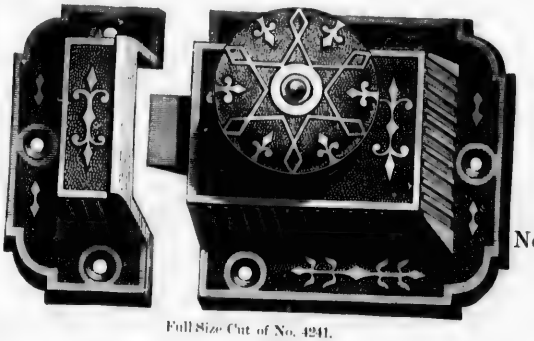


Full Size Cut of No. 4240.

TUSCAN BRONZED KNOB.

Packed with Screws.

No. 4240, Tuscan B'd, per doz., $2 25

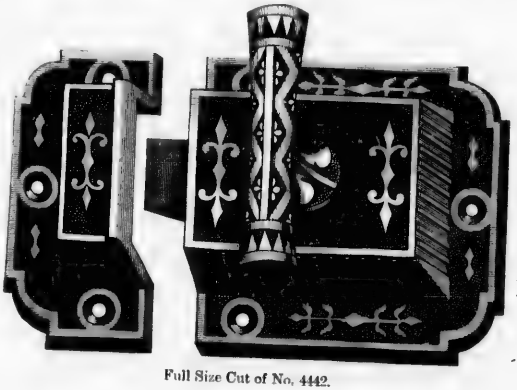


Full Size Cut of No. 4241.

BRONZE METAL KNOB.

Packed with Screws.

No. 4241, Tuscan B'd, per doz., $2 50



Full Size Cut of No. 4442.

BRONZE METAL T HANDLE.

Packed with Screws.

No. 4442, Berlin B'd, per doz., $3 25

One dozen in a box.

Commode Buttons.

Full Size Cut of No. 322.

No. 322, Ebony and Gilt, - - - - - per dozen, $0 85

One dozen in a box.

Black Walnut Bureau Knobs.

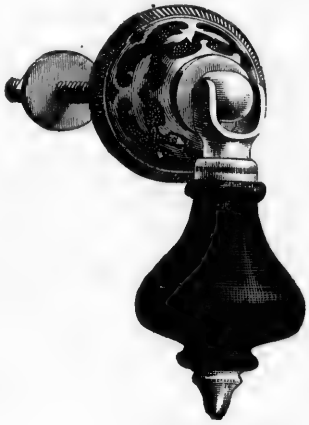
BEADED.

Full Size Cut of 2 Inch.

Inch,	$1\frac{1}{4}$	$1\frac{1}{2}$	$1\frac{3}{4}$	2
Per gross,	$2 00	2 25	2 55	2 80

One-quarter gross in a package.

Drop Drawer Pulls.

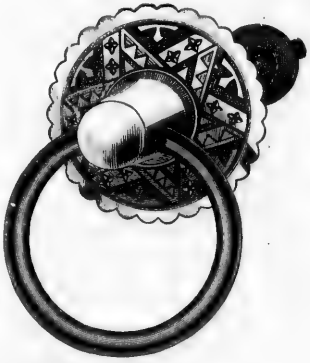


Full Size Cut of No. 069.

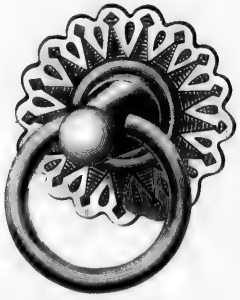
Full Size Cut of No. 070.

No. 069, Medium, Gold Plated, Ebony Drop, - - per dozen, $0 75
No. 070, Large, Gold Plated, Ebony Drop, - - - " 0 75

Three dozen in a box.



Full Size Cut of No. 796 and 798.



Full Size Cut of No. 899.

No. 796, Nickel Plated, with Ring, - - - - per dozen, $0 90
No. 798, Gold Plated, with Ring, - - - - - " 0 90
No. 899, Nickel Plated, with Ring, light, - - - " 0 60

Three dozen in a box.

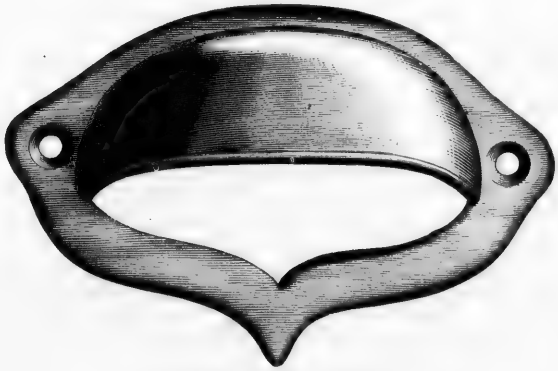
Drawer Pulls.

Full Size Cut of Nos. 100 and 101.

No. 100, Japanned,	per gross,	$1 15
No. 101, Coppered,	"	1 15

One-sixth gross in a box.

Drawer Pulls.



Full Size Cut of Nos. 10 and 10½.

No. 10, Japanned,	per gross,	$2 75
No. 10½, Coppered,	"	2 75

One-sixth gross in a box.

Drawer Pulls.

Full Size Cut of No. 575.

No. 575, Tuscan Bronzed, Packed with Screws, - - per gross, $2 55

Full Size Cut of No. 475.

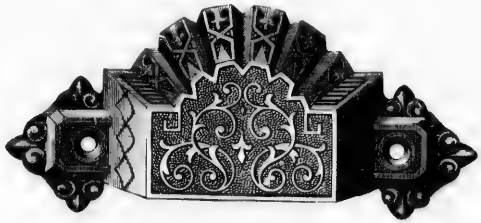
No. 475, Tuscan Bronzed, Packed with Screws, - - per gross, $3 15

Full Size Cut of No. 375.

No. 375, Tuscan Bronzed, Packed with Screws, - - - per gross, $4 20

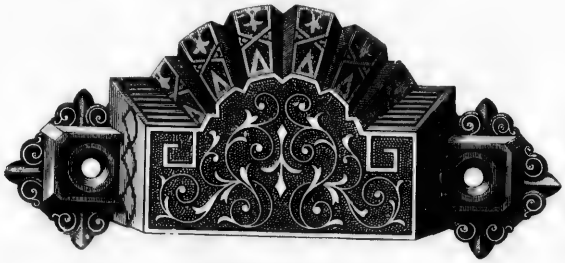
One-sixth gross in a box.

Drawer Pulls.



Full Size Cut of No. 515.

No. 515, Tuscan Bronzed, Packed with Screws, - - - per gross, $4 05



Full Size Cut of No. 415.

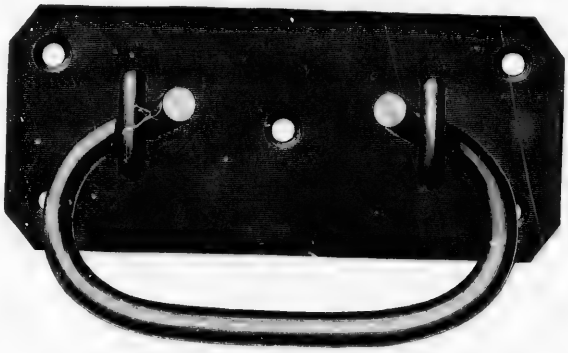
No. 415, Tuscan Bronzed, Packed with Screws, - - - per gross, $5 25

Full Size Cut of No. 315.

No. 315, Tuscan Bronzed, Packed with Screws, - - - per gross, $5 85

One-sixth gross in a box.

Chest Handles.

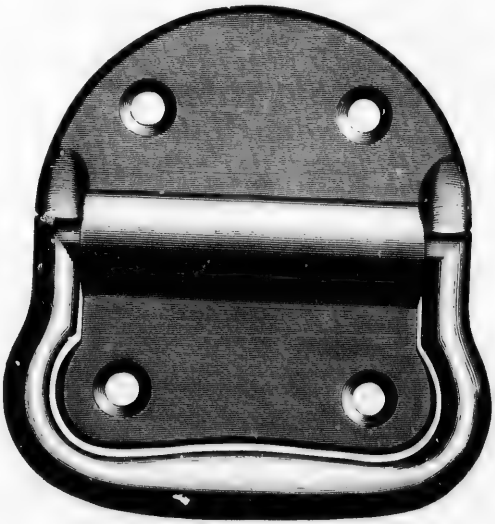


Full Size Cut of No. 1.

Wrought, Japanned.

Nos.	0	1	2	3	4
Size,	3¾	4	4½	4¾	5 inch.
Per doz. pairs,	$0 40	0 55	0 75	0 80	1 00

One dozen pairs in a box.



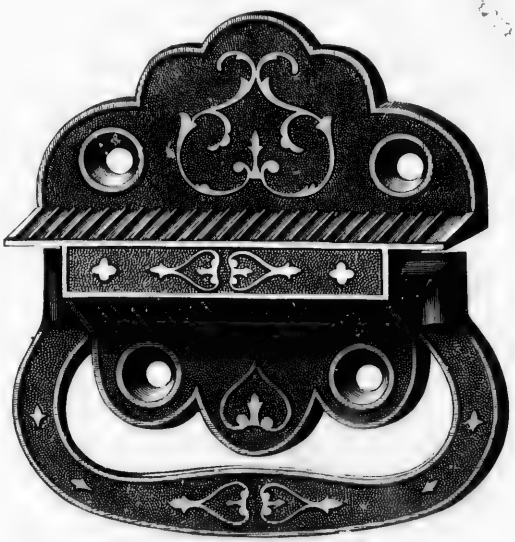
Full Size Cut of No. 23.

Cast, Japanned.

Nos.	20	23	25
Size,	3	3½	5 in .h.
Per doz. pairs,	$1 20	1 65	3 45

Half dozen pairs in a box.

Chest Handles.



Full Size Cut of No. 221.

No. 220, $2\frac{3}{4}$ inch, Tuscan Bronzed, packed with Screws, - per dozen pairs, $2 85
" 221, $3\frac{1}{4}$ inch, " " " - - " 3 75

Half dozen pairs in a box.

No. 2, Brass Lifting Handles.

Full Size Cut of $2\frac{1}{2}$ Inch.

Cast Brass Polished and Lacquered.

Inch,	3	$3\frac{1}{2}$	4
Per dozen pairs,	$5 00	6 50	8 00

One dozen pairs in a box.

No. 15, Brass Cash Box Handles.

Full Size Cut of 2½ Inch.

No. 15, 3 inch, Cast Brass, Polished and Lacquered, - per single gross, $28 00

One-quarter gross in a box.

Wrought Hand Rail Screws.

Nos. 51 and 61. Full Size Cut of 4½ Inch, No. 51.

No. 51, One Nut, $\frac{5}{16}$ Iron, Gimlet Pointed Screw.

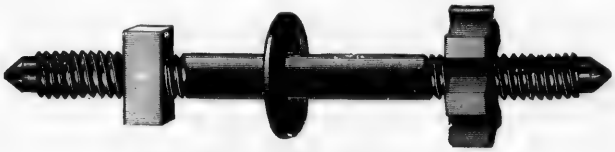
Inch,	4½	5
Per gross,	$5 40	6 10

No. 61, One Nut, $\frac{3}{8}$ Iron, Gimlet Pointed Screw.

Inch,	6
Per gross,	$7 85

Quarter gross in a box.

Wrought Hand Rail Screws.



Nos. 52 and 62. Full Size Cut of 4½ Inch, No. 52.

No. 52, Two Nuts, $\frac{5}{16}$ Iron.

Inch,	4½	5
Per gross,	$6 10	6 75

No. 62, Two Nuts, $\frac{3}{8}$ Iron.

Inch,	6
Per gross,	$9 05

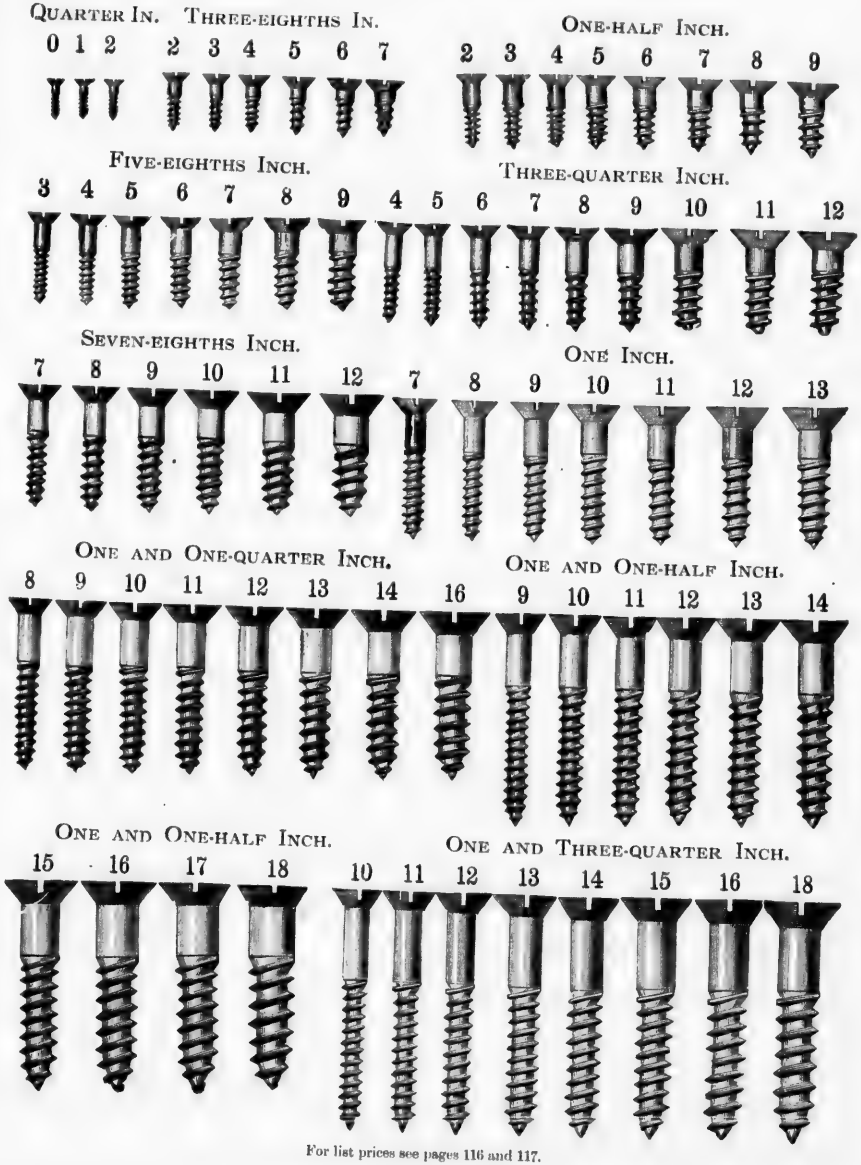
Full Size Cut of 4½ Inch, No. 72.

No. 72, Swelled Centre, Two Nuts, $\frac{7}{16}$ Iron.

Inch,	4½	5	6
Per gross,	$9 75	10 25	11 60

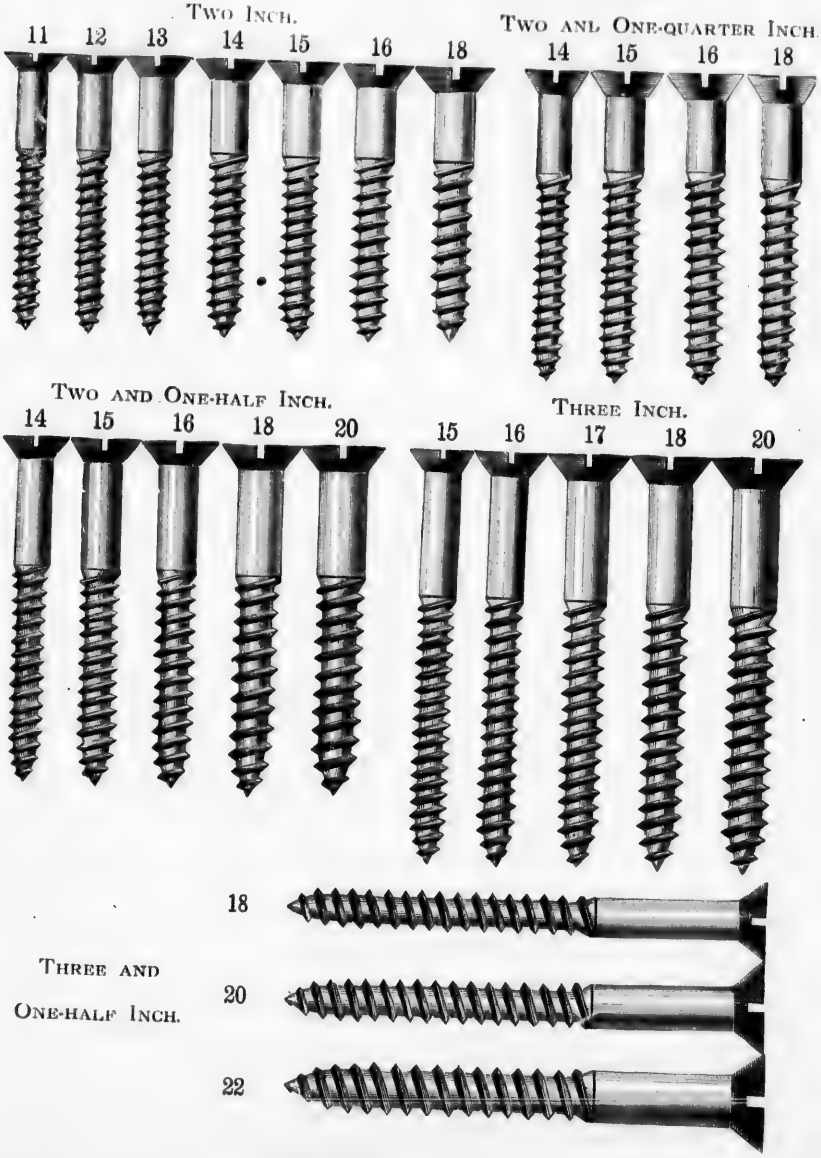
Quarter gross in a box.

Flat Head Gimlet Point Screws.



For list prices see pages 116 and 117.

Flat Head Gimlet Point Screws.



For list prices see pages 116 and 117.

Price List of Flat Head Iron Wood Screws.

	Inch.	Numbers.														
Number,	1-4	0	1	2												
Per gross,		$0 14	0 14	0 14												
Quantity in package,		10	10	10 Gross.												
Number,	3-8	1	2	3	4	5	6	7	8							
Per gross,		$0 14	0 14	0 14	0 14	0 15	0 16	0 19	0 20							
Quantity in package,		10	10	10	10	10	10	10	10 Gross.							
Number,	1-2	2	3	4	5	6	7	8	9	10						
Per gross,		$0 14	0 14	0 14	0 15	0 16	0 19	0 20	0 22	0 23						
Quantity in package,		10	10	10	10	10	10	10	10	10 Gross.						
Number,	5-8	2	3	4	5	6	7	8	9	10	11	12				
Per gross,		$0 16	0 16	0 16	0 17	0 19	0 20	0 22	0 23	0 25	0 27	0 28				
Quantity in package,		10	10	10	10	10	10	10	10	10	10	10 Gross.				
Number,	3-4	4	5	6	7	8	9	10	11	12	13	14	15	16		
Per gross,		$0 17	0 19	0 [illegible]	0 22	0 23	0 24	0 25	0 28	0 29	0 34	0 37	0 42	0 46		
Quantity in package,		10	10	10	10	10	10	10	10	10	10	10	10	10 Gross.		
Number,	7-8	4	5	6	7	8	9	10	11	12	13	14	15	16		
Per gross,		$0 21	0 22	0 23	0 24	0 25	0 26	0 28	0 31	0 34	0 37	0 40	0 45	0 52		
Quantity in package,		10	10	10	10	10	10	10	10	10	10	10	10	10 Gross.		
Number,	1	4	5	6	7	8	9	10	11	12	13	14	15	16		
Per gross,		$0 21	0 22	0 23	0 24	0 25	0 26	0 28	0 31	0 34	0 37	0 40	0 45	0 52		
Quantity in package,		10	10	10	10	10	10	10	10	10	10	10	10	10 Gross.		
Number,	1¼	6	7	8	9	10	11	12	13	14	15	16	18	20		
Per gross,		$0 27	0 28	0 28	0 31	0 34	0 35	0 38	0 42	0 47	0 54	0 60	0 72	0 90		
Quantity in package,		10	10	10	10	10	10	10	10	10	5	5	5	5 Gross.		
Number,	1½	7	8	9	10	11	12	13	14	15	16	18	20			
Per gross,		$0 31	0 33	0 34	0 35	0 38	0 42	0 47	0 54	0 60	0 67	0 80	0 95			
Quantity in package,		19	10	10	10	10	10	5	5	5	5	5	5 Gross.			
Number,	1¾	8	9	10	11	12	13	14	15	16	18	20	22	24		
Per gross,		$0 38	0 39	0 40	0 43	0 47	0 54	0 60	0 67	0 73	0 88	1 03	1 20	1 33		
Quantity in package,		10	10	10	5	5	5	5	5	5	5	5	5	5 Gross.		
Number,	2	8	9	10	11	12	13	14	15	16	18	20	22	24		
Per gross,		$0 40	0 42	0 43	0 47	0 53	0 60	0 67	0 73	0 80	0 95	1 10	1 27	1 44		
Quantity in package,		5	5	5	5	5	5	5	5	5	5	1	1	1 Gross.		
Number,	2¼	10	11	12	13	14	15	16	18	20	22	24				
Per gross,		$0 50	0 53	0 60	0 67	0 73	0 80	0 88	1 03	1 18	1 37	1 64				
Quantity in package,		5	5	5	5	5	5	5	1	1	1	1 Gross.				
Number,	2½	10	11	12	13	14	15	16	18	20	22	24				
Per gross,		$0 54	0 60	0 37	0 73	0 80	0 88	0 95	1 10	1 27	1 47	1 74				
Quantity in package,		5	5	5	5	5	1	1	1	1	1	1 Gross.				
Number,	2¾	12	13	14	15	16	18	20	22	24						
Per gross,		$0 74	0 80	0 88	0 95	1 03	1 30	1 50	1 73	2 07						
Quantity in package,		1	1	1	1	1	1	1	1	1 Gross.						
Number,	3	12	14	15	16	18	20	22	24	26						
Per gross,		$0 80	0 95	1 03	1 17	1 45	1 72	2 03	2 34	2 70						
Quantity in package,		1	1	1	1	1	1	1	1	1 Gross.						
Number,	3½	16	18	20	22	24	26									
Per gross,		$1 43	1 80	2 13	2 47	2 73	3 10									
Quantity in package,		1	1	1	1	1	1 Gross.									
Number,	4	18	20	22	24	26										
Per gross,		$1 97	2 30	2 60	2 87	3 30										
Quantity in package,		1	1	1	1	1 Gross.										
Number,	4½	18	20	22	24	26										
Per gross,		$2 50	2 75	3 25	3 75	4 00										
Quantity in package,		1	1	1	1	1 Gross.										
Number,	5	20	22	24	26											
Per gross,		$3 10	3 60	4 00	4 40											
Quantity in package,		1	1	1	1 Gross.											
Number,	6	24	26	28	30											
Per gross,		$5 30	6 15	7 50	9 00											
Quantity in package,		1	1	1	1 Gross.											

Round Head Screws are charged one number in advance.

Price List of Flat Head Brass Wood Screws.

Inch.	Numbers												
3-8	1	2	3	4	5	6	7						
Per Gross,	$0 30	0 30	0 30	0 30	0 32	0 35	0 40						
1-2	2	3	4	5	6	7	8	9	10				
Per Gross,	$0 30	0 30	0 30	0 32	0 35	0 40	0 45	0 50	0 55				
5-8	2	3	4	5	6	7	8	9	10	11	12		
Per Gross,	$0 34	0 34	0 34	0 37	0 40	0 45	0 49	0 54	0 60	0 67	0 74		
3-4	4	5	6	7	8	9	10	11	12	13	14	15	16
Per Gross,	$0 37	0 40	0 45	0 50	0 54	0 60	0 67	0 77	0 87	0 97	1 20	1 40	1 57
7-8	6	7	8	9	10	11	12	13	14	15	16		
Per Gross,	$0 55	0 60	0 67	0 74	0 82	0 90	1 00	1 12	1 25	1 40	1 57		
1	6	7	8	9	10	11	12	13	14	15	16		
Per Gross,	$0 55	0 60	0 67	0 74	0 82	0 90	1 00	1 12	1 25	1 40	1 57		
1 1/4	7	8	9	10	11	12	13	14	15	16	18	20	
Per Gross,	$0 72	0 80	0 89	0 99	1 09	1 20	1 34	1 49	1 65	1 84	2 30	2 84	
1 1/2	8	9	10	11	12	13	14	15	16	18	20		
Per Gross,	$0 94	1 04	1 15	1 27	1 40	1 55	1 72	1 90	2 10	2 60	3 17		
1 3/4	9	10	11	12	13	14	15	16	18	20	22	24	
Per Gross,	$1 19	1 32	1 45	1 60	1 77	1 95	2 15	2 37	2 90	3 50	4 19	4 95	
2	10	11	12	13	14	15	16	18	20	22	24		
Per Gross,	$1 49	1 64	1 80	2 00	2 19	2 40	2 64	3 20	3 84	4.55	5 34		
2 1/4	12	13	14	15	16	18	20	22					
Per Gross,	$2 00	2 20	2 42	2 65	2 90	3 50	4 17	4 92					
2 1/2	14	15	16	18	20	22	24						
Per Gross,	$2 65	2 90	3 17	3 80	4 50	5 30	6 14						
3	16	18	20	22	24	26							
Per Gross,	$3 70	4 40	5 17	6 00	6 94	8 00							

Round Head is charged one number in advance. Largest size we keep in stock is 1½ and 12. We do not keep Round Heads in stock, but can supply these or any size of the Flat on short notice.

Side Knob Screws.

Full Size Cut.

Iron Blued, - - - - - - per gross, $0 45

One gross in a package.

Barbed Blind Staples

Full Size Cuts, 3/8 1/2 5/8 3/4 7/8 Inch.

Ratchet-Barbed, Needle Pointed Round Wire.

No. 25, Coppered Wire.

Inch,	3/8	1/2	5/8	3/4	7/8
Per lb.,	$0 20	0 18	0 18	0 18	0 18

Especially adapted for use in Blind Wiring Machines. They drive easier and hold firmer than any other staples.

Ten pounds in a box.

Glaziers' Points.

TRIANGLE.

Full Size Cuts.

Zinc Glaziers' Points, - - - - per paper, $0 07

In half pound papers.

B B B Iron Cut Tacks.

Half Weight.

Full Size Cut.

Ounce,	1	1½	2	2½	3	4	6	8
Inch,	2/16	3½/16	4/16	5/16	6/16	7/16	8/16	9/16
Per dozen papers,	$0 30	0 30	0 30	0 31	0 35	0 36	0 44	0 51
Per pound,				$0 32	0 26	0 24	0 19½	0 17
No. in a pound,	16,000	10,666	8,000	6,400	5,333	4,000	2,666	2,000

Ounce,	10	12	14	16	18	20	22	24
Inch,	10/16	11/16	12/16	13/16	14/16	15/16	16/16	17/16
Per dozen papers,	$0 58	0 65	0 73	0 80	0 88	0 95	1 03	1 10
Per pound,	$0 15½	0 14½	0 14	0 13½				
No. in a pound,	1,600	1,333	1,143	1,000	888	800	727	666

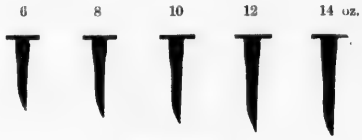
Swedes' Iron and Upholsterers' Cut Tacks.

Ounce,	1½	2	2½	3	4	6	8	10	12	14	16
Inch,	3½/16	4/16	5/16	6/16	7/16	8/16	9/16	10/16	11/16	12/16	13/16
Blued, per doz.,	$0 35	0 35	0 40	0 45	0 50	0 61	0 71	0 81	0 91	1 01	1 11
Tinned, "	$0 58	0 58	0 64	0 70	0 82	0 93	1 04	1 21	1 32	1 50	1 72
Blued, per pound,			$0 40	0 36	0 32	0 27	0 24	0 22	0 20	0 19	0 18½
No. in a pound,	10,666	8,000	6,400	5,333	4,000	2,666	2,000	1,600	1,333	1,143	1,000

One dozen papers in a package, and one pound in a paper.

B B B Iron Large Head Carpet Tacks.

Half Weight.



Full Size Cuts.

Ounce,	6	8	10	12
Inch,	$\frac{8}{16}$	$\frac{9}{16}$	$\frac{10}{16}$	$\frac{11}{16}$
Blued, per dozen papers,	$0 44	0 51	0 58	0 65
Tinned, " "	0 76	0 83	0 98	1 06

Leather Head Carpet Tacks.

Ounce,	6	8	10
Inch,	$\frac{8}{16}$	$\frac{9}{16}$	$\frac{10}{16}$
Full count (144 tacks to the paper), per doz. papers,	$0 36	0 36	0 38
$\frac{3}{4}$ count (100 tacks to the paper), "	0 30	0 30	0 32

One dozen papers in a package.

Gimp and Lace Tacks.

Half Weight.

Full Size Cuts.

Ounce,	1½	2	2½	3	4	6
Inch,	$\frac{4}{16}$	$\frac{5}{16}$	$\frac{6}{16}$	$\frac{7}{16}$	$\frac{8}{16}$	$\frac{9}{16}$
Blued, per dozen papers,	$0 43	0 50	0 54	0 61	0 68	0 79
Tinned, " "	0 72	0 72	0 79	0 86	1 00	1 15

One dozen papers in a package.

Double Pointed Tacks.

Full Size Cuts.

Nos.	10	11	12
Blued, per dozen papers,	$0 75	0 75	1 00

One dozen papers in a package.

Lining Nails.

Full Size Cuts.

Round Head.

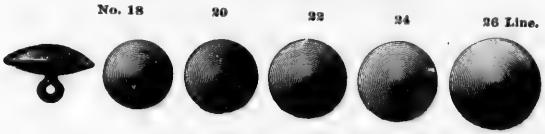
Japanned Lining Nails, Round Head, 6 to 12 oz., - - - per paper, $0 04
Silvered Lining Nails, Round Head, 6 to 12 oz., - - - " 0 04

None larger than 12 oz. kept in stock.

Twenty papers in a package.

Tufting Buttons.

Japanned Tufting Buttons.



Japanned Tufting Buttons, $1\frac{1}{8}$ x 22 Line, - - - per gross, $2 00

Twelve papers in a gross.

Saddle Nails.

Japanned Saddle Nails, Oval Head, $1\frac{1}{8}$, No. 4, - - - per paper, $0 18
Silvered Saddle Nails, Oval Head, $1\frac{1}{8}$, No. 4, - - - " 0 18

One hundred in a paper, twenty papers in a package.

Round Head Hungarian Nails.

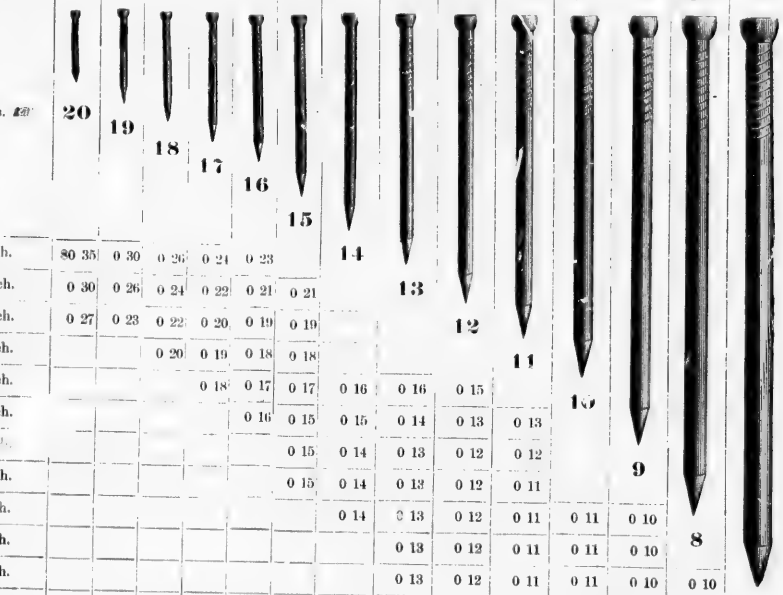
Full Size Cuts.

Inches,	$\frac{3}{8}$ to $3\frac{1}{8}$	$\frac{4}{8}$ and longer.
Per pound,	$0 14	0 13

In half and one pound papers.

Steel Wire Brads.

Price per Pound. One Pound in a Package.



Full Size Cut of	½ in.	⅝ in.	¾ in.	⅞ in.	1 in.	1¼ in.	1½ in.	1¾ in.	2 in.	2¼ in.	2½ in.	3 in.	3½ in.	4 in.
Wire Nos.	20	19	18	17	16	15	14	13	12	11	10	9	8	7
1-2 Inch.	80 35	0 30	0 26	0 24	0 23									
5-8 Inch.	0 30	0 26	0 24	0 22	0 21	0 21								
3-4 Inch.	0 27	0 23	0 22	0 20	0 19	0 19								
7-8 Inch.			0 20	0 19	0 18	0 18								
1 Inch.				0 18	0 17	0 17	0 16	0 16	0 15					
1 1-4 Inch.					0 16	0 15	0 15	0 14	0 13	0 13				
1 1-2 Inch.						0 15	0 14	0 13	0 12	0 12				
1 3-4 Inch.						0 15	0 14	0 13	0 12	0 11				
2 Inch.							0 14	0 13	0 12	0 11	0 11	0 10		
2 1-4 Inch.								0 13	0 12	0 11	0 11	0 10		
2 1-2 Inch.								0 13	0 12	0 11	0 11	0 10	0 10	
3 Inch.											0 11	0 10	0 10	0 10
3 1-2 Inch.													0 10	0 10
4 Inch.													0 10	0 10

None larger than 2 inch in stock.

Shoe Nails.

Full Size Cuts of No. 15.

Full Size Cuts of No. 14.

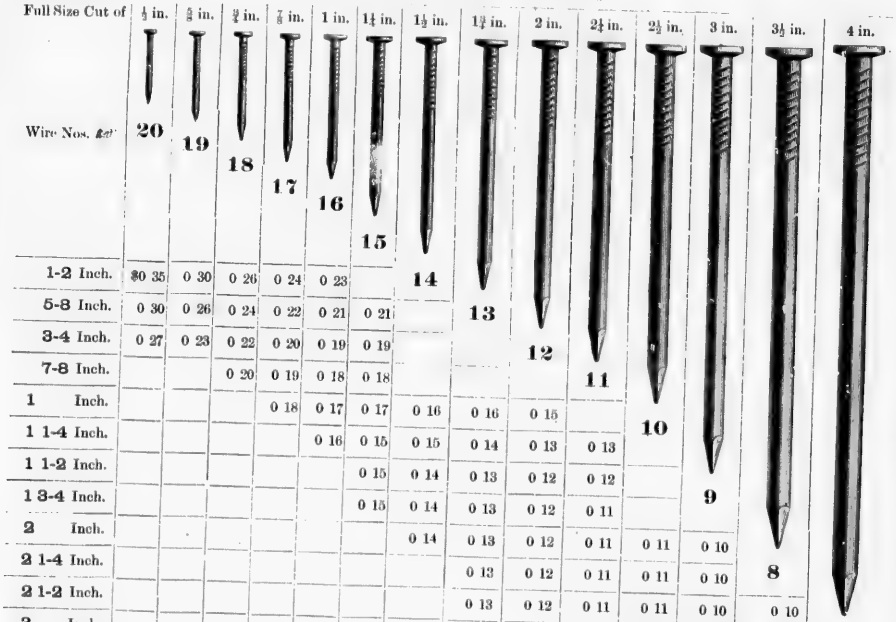
Iron Shoe Nails, all sizes, - - - - per pound, $0 07½
Zinc Shoe Nails, all sizes, - - - - - " 0 15½

None smaller than ⅝ inch kept in stock.

In one pound papers.

Iron Wire Nails.

Price per Pound. In Bulk.



Full Size Cut of	½ in.	⅝ in.	¾ in.	⅞ in.	1 in.	1¼ in.	1½ in.	1¾ in.	2 in.	2¼ in.	2½ in.	3 in.	3½ in.	4 in.
Wire Nos.	20	19	18	17	16	15	14	13	12	11	10	9	8	7
1-2 Inch.	$0 35	0 30	0 26	0 24	0 23									
5-8 Inch.	0 30	0 26	0 24	0 22	0 21	0 21								
3-4 Inch.	0 27	0 23	0 22	0 20	0 19	0 19								
7-8 Inch.			0 20	0 19	0 18	0 18								
1 Inch.				0 18	0 17	0 17	0 16	0 16	0 15					
1 1-4 Inch.					0 16	0 15	0 15	0 14	0 13	0 13				
1 1-2 Inch.						0 15	0 14	0 13	0 12	0 12				
1 3-4 Inch.						0 15	0 14	0 13	0 12	0 11				
2 Inch.							0 14	0 13	0 12	0 11	0 11	0 10		
2 1-4 Inch.								0 13	0 12	0 11	0 11	0 10		
2 1-2 Inch.								0 13	0 12	0 11	0 11	0 10	0 10	
3 Inch.											0 11	0 10	0 10	
3 1-2 Inch.													0 10	0 10
4 Inch.													0 10	0 10

None larger than 2½ inch kept in stock.

Approximate Number of Wire Nails Per Pound.

Length.	3-16	¼	⅜	½	⅝	¾	⅞	1	1⅛	1¼	1½	1¾	2	2¼	2½	2¾	3	3½	4	4½	5	6	7
No. 5				211	169	141	121	106	94	85	71	60	53	47	42	39	35	30	26	24	21	18	15
No. 6				247	197	164	141	123	111	99	82	71	62	55	50	45	41	35	31	28	25	21	18
No. 7				299	239	200	171	149	133	120	100	85	75	67	60	54	50	43	37	33	30	25	
No. 8				345	275	229	197	172	153	137	115	98	86	76	69	62	57	49	43	39	35	29	
No. 9				414	331	276	236	207	184	165	138	118	103	92	82	75	69	59	52	46	41		
No. 10			663	496	397	333	283	248	220	198	165	142	124	110	99	90	83	71	62	55	50		
No. 11			837	628	502	418	359	314	279	251	209	179	157	139	125	114	105	90	79	70			
No. 12			1096	822	658	548	469	411	365	329	274	235	204	182	164	149	137	117	103				
No. 13			1429	1072	857	714	613	536	476	429	357	306	268	238	214	195	178	153					
No. 14		2840	1893	1420	1136	947	811	710	631	568	473	406	350	315	284	258	236						
No. 15		3504	2336	1752	1402	1168	1001	876	778	701	584	500	438	389	350								
No. 16		4571	3048	2280	1828	1523	1305	1143	1015	913	761	653	571	508									
No. 17		6233	4156	3116	2495	2077	1781	1558	1385	1246	1038	890	779										
No. 18		8276	5517	4138	3310	2758	2364	2069	1839	1655	1379	1182											
No. 19		10668	7112	5334	4267	3556	2933	2667	2370	2133	1778												
No. 20	20000	15000	10000	7500	6000	5000	4400	3750	3333	3000													

These approximate numbers are an AVERAGE only, and the figures given may be varied either way, by the different style of the heads or points. Brads will run somewhat more to the pound than the table shows.

Finishing Nails.

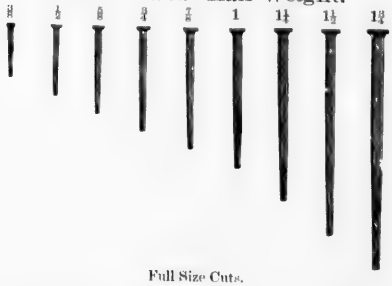
Full Size Cuts.

Inches,	3/8	1/2	5/8	3/4	7/8	1	1 1/8	1 1/4	1 1/2	1 3/4	2
Per pound,	$0 42	0 30	0 24	0 20	0 18	0 16	0 15	0 14	0 14	0 13	0 13

3/8 inch we do not keep in stock.

In pound papers.

Patent Brads. Half Weight.



Full Size Cuts.

Inches,	3/8	1/2	5/8	3/4	7/8	1	1 1/8	1 1/4	1 1/2	1 3/4	2
Per doz. papers,	$0 60	0 60	0 66	0 72	0 78	0 96	1 08	1 14	1 44	1 80	2 16

One inch and smaller, one dozen papers in a package.

Clout Nails.

Trunk Nails.

Full Size Cuts.

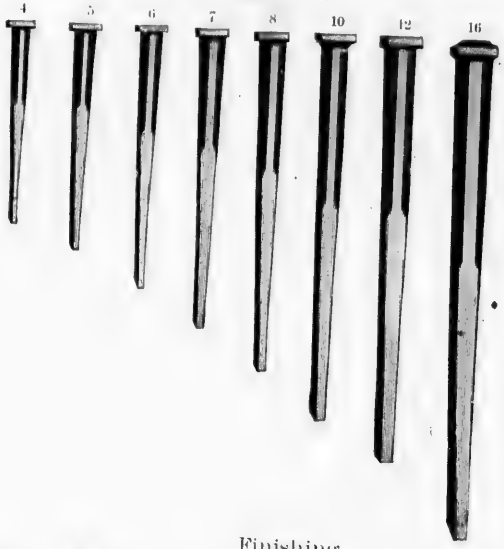
Inch,	1/2	5/8	3/4	7/8	1	1 1/8	1 1/4	1 1/2	1 3/4	2
Blued and Bright, per pound,	$0 30	0 24	0 20	0 18	0 16	0 15	0 14	0 14	0 13	0 13
Tinned, "	0 36	0 30	0 26	0 24	0 22	0 21	0 20	0 20	0 19	0 19

In Trunk Nails we keep the Tinned only in stock.

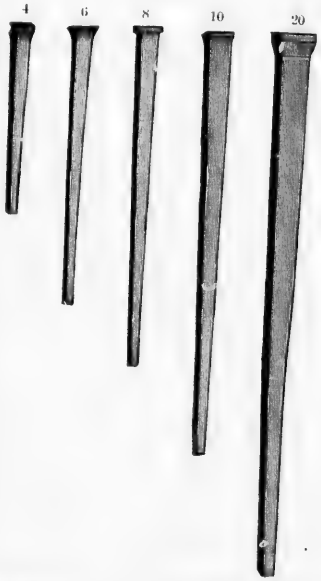
In pound papers.

Nails.

Common Cut.

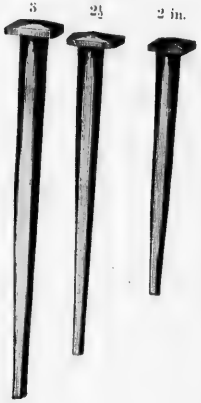


Casing.



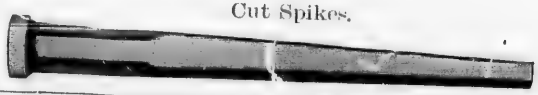
Finishing.

Clinch.



Barrel.

Cut Spikes.



Risley & Kerrigan's Standard Nail List.

Giving the Length, Description, Number of Nails to the pound, together with the Relative Price per Keg.

Size.	Description.	Number of Nails to the Pound.		Length of Nails.	Add to the Price of 10-Penny.
		C. P.	A. P.		
3d	Fine Blued	.....	800	1⅛ inch	$2 00
3d	Steel Cut	.....	600	1¼ inch	1 65
3d	Common	.....	464	1¼ inch	1 50
3d	Common	480	.....	1¼ inch	1 00
4d	Common	.....	296	1½ inch	75
4d	Common	300	.....	1½ inch	50
5d	Common	.....	224	1¾ inch	75
5d	Common	235	.....	1¾ inch	50
6d	Common	168	160	2 inch	50
7d	Common	130	120	2¼ inch	50
8d	Common	117	95	2½ inch	25
9d	Common	83	75	2¾ inch	25
10d	Common	73	65	3 inch	Rate
12d	Common	54	48	3¼ inch	Rate
16d	Common	42	36	3½ inch	Rate
20d	Common	36	30	4 inch	Rate
30d	Common	24	20	4½ inch	Rate
40d	Common	17	15	5 inch	Rate
50d	Common	14	12	5½ inch	Rate
60d	Common	12	10	6 inch	Rate
8d	Casing	128	128	2½ inch	75
10d	Casing	91	91	3 inch	50

In ordering Cut Nails state if Canada Pattern (edge grip), or American Pattern (flat grip), is wanted. Chisel pointed nails 10 cents advance over ordinary.

Pressed Spikes.

¼ inch x 4 inch, and longer,	per 100 pounds,	$4 75
5/16 inch x 4 inch, and longer,	" "	4 50
⅜ inch x 4 inch, and longer,	" "	4 25
7/16 and ½ inch x 5 inch, and longer,	" "	3 90

In kegs of 100 to 112 pounds.

Dimensions and Number of Spikes in 100 Pounds.

¼ Square.		5-16 Square.		⅜ Square.		7-16 Square.		½ Square.	
Length.	No.	Length.	No.	Length.	No.	Length.	No.	Length.	No.
4	1200	5	650	6	405	6	400	6	300
4½	1000	5½	585	6½	360	6½	320	6½	280
5	945	6	530	7	310	7	240	7	205
5½	850	6½	405	8	265	8	200	7½	180
6	760	7	360					8	160

Finishing Nails.

Inch,	1	1¼	1½	1¾	2	2¼	2½	2¾	3
Number to the pound,	1100	720	523	410	268	210	146	125	102
Per keg of 100 pounds,	$								

In 100 pound kegs.

In ordering please state if American or Canada pattern is wanted.

Light Clinch Nails.

Inch,	1	1¼	1½	1¾	2	2¼	2½	2¾	3	3½	4
Number to the pound,	570	445	270	225	160	135	108	88	69	48	42
Per 100 pounds,	$8 20	6 20	5 20	5 20	4 85	4 85	4 55	4 55	4 20	4 20	4 20

In 50 pound boxes.

Sharp Pressed Nails.

Inch,	1	1¼	1½	1¾	2	2¼	2½	2¾	3	3½	4
Number to the pound,	570	445	270	225	160	135	108	88	69	48	42
Per 100 pounds,	$8 85	6 85	5 85	5 85	5 50	5 50	5 20	5 20	4 85	4 85	4 85

In 50 pound boxes.

Flour Barrel Nails.

Best.

Inch,	⅞	1
Number to the pound,	900	800
Per 100 pounds,	$7 75	7 50

Common.

Inch,	⅞	1
Number to the pound,	842	740
Per 100 pounds,	$4 80	4 40

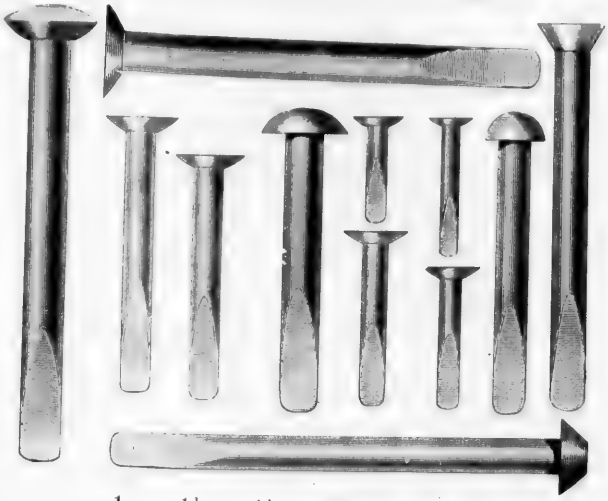
In 100 pound kegs.

Cordes' Sharp Pressed Nails.

Inch,	2½	2¾	3
Per pound,	$0 13½	0 13	0 12¾

In iron kegs of 112 pounds.

Countersunk Clout Nails.

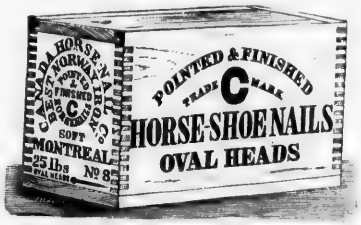


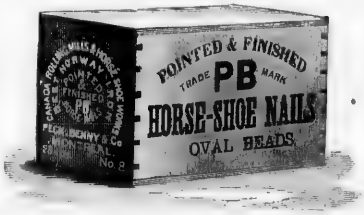
Inch,	1	1¼	1½	1¾	2	2¼	2½	2¾	3
Medium, per pound,	$0 19	0 17	0 15½	0 14	0 13	0 12½	0 12	0 12	0 11
Light, "	0 20	0 18	0 16½	0 15	0 14	0 13½	0 13	0 13	0 12

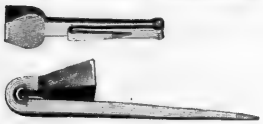
None but the Countersunk kept in stock.

In bulk.

Pointed and Finished Horse Nails.







No.,	5	6	7	8	9	10	11	12
Inch,	2	2⅛	2¼	2⅜	2½	2⅝	2¾	2⅞
Number to the pound,	166	141	114	100	88	80	75	70
Per pound,	$0 30	0 27	0 24	0 23	0 22	0 22	0 22	0 22

In boxes of 25 pounds.

Baeder, Adamson & Co.'s Sand Paper and Emery Cloth.

"Flint" Sand Paper.

Nos.,	0	½	1	1½	2	2½	3
Per ream,	$4 50	4 50	4 50	4 50	5 00	5 00	5 00
Bundle contains,	5	4	3½	3	2½	2	1½ reams.

Half ream in a package.

Extra Flint Paper in Rolls.

23½ inches wide.

Nos.,	1	1½	2	2½
Per yard,	$0 10	0 10	0 11	0 12

50 yards in a roll.

"Anchor" Sand Paper.

Nos.,	0	½	1	1½	2	2½	3
Per ream,	$3 00	3 00	3 00	3 00	3 00	3 00	3 00
Bundle contains,	5	4	3½	3	2½	2	1½ reams.

Half ream in a package.

Baeder, Adamson & Co.'s Sand Paper and Emery Cloth.

Emery Cloth.

Nos.	00	0	½	1	1½	2	2½	Asst'd 00 to 1½
Per ream,	$18 00	18 00	18 00	18 00	18 00	20 00	24 00	18 00

Quarter ream in a package.

English Emery Cloth,	per ream,	$15 00
Corn of Emery,	per pound,	0 10½
Flour of Emery,	"	0 07½

Corn of Emery, ten pounds in a package; Flour, seven pounds in a package.

Glue.

Broken Glue,	per pound,	$0 15
Sheet Glue, American,	"	20
Sheet Glue, French,	"	20
Sheet Glue, Canadian,	"	20
White Glue, American,	"	30

All glue in bulk.

Star Window Glass.

Number of Lights in a Box of 50 feet.

Size.	No. Lights.	Size.	No. Lights.	Size.	No. Lights.	Size.	No. Lights.	Size.	No. Lights.	Size.	No. Lights.
7x9	115	12x34	18	16x18	25	20x30	12	24x56	5	32x44	5
8x10	90	36	17	20	23	32	11	66	5	50	5
12	75	13x16	35	22	21	34	11	26x28	10	52	4
14	64	18	31	24	19	36	10	30	9	64	4
9x12	67	20	28	26	17	38	10	32	9	66	3
13	62	22	25	28	16	40	9	34	8	34x36	6
14	57	24	23	30	15	42	9	36	8	40	6
15	53	26	21	32	14	44	8	38	7	42	5
16	50	14x15	34	34	13	48	8	42	7	48	5
18	45	16	32	36	13	50	7	44	6	50	4
10x12	60	17	31	38	12	54	7	50	6	60	4
13	55	18	29	40	11	56	6	52	5	62	3
14	52	20	26	42	11	22x24	14	60	5	36x38	5
15	48	22	24	44	10	26	13	62	4	44	5
16	45	24	22	46	10	28	12	74	4	46	4
18	40	26	20	48	9	30	11	28x30	9	56	4
20	36	28	19	52	9	32	10	32	8	58	3
22	33	30	17	18x20	20	34	10	34	8	64	5
24	30	32	16	22	18	36	9	36	7	38x40	5
26	28	34	15	24	17	38	9	40	7	42	5
28	26	36	14	26	16	40	8	42	6	44	4
30	24	38	14	28	14	42	8	46	6	54	4
11x14	47	40	13	30	14	44	7	48	5	56	3
15	44	42	12	32	13	50	7	56	5	66	3
16	44	44	12	34	12	52	6	58	4	40x42	4
18	37	15x18	27	36	11	58	6	72	4	50	4
20	33	20	24	38	11	24x26	12	30x32	8	52	3
12x14	43	22	22	40	10	28	11	34	7	70	3
15	40	24	20	42	10	30	10	38	7	42x44	4
16	38	26	20	44	9	32	10	40	6	50	3
17	35	28	17	46	9	34	9	44	6	60	3
18	34	30	16	48	8	36	9	46	5	66	3
20	30	32	15	52	8	38	8	52	5	68	2
22	27	34	14	54	7	40	8	54	4	72	2
24	25	36	13	20x22	17	42	7	68	4	44x50	3
26	23	38	13	24	15	46	7	32x34	7	62	3
28	22	40	12	26	14	48	6	36	6	64	2
30	20	42	11	28	13	54	6	42	6	72	2
32	19	44	11								

Star Window Glass.

First Break, up to 25 inches,	per	50 feet $
Second Break, 26 to 40 "	"	50 "
Third Break, 41 to 50 "	"	100 "
Fourth Break, 51 to 60 "	"	100 "
Fifth Break, 61 to 70 "	"	100 "
Sixth Break, 71 to 80 "	"	100 "

First and second breaks in 50 feet boxes—other breaks 100 feet.

To find the number of united inches in a light of glass, add the length and breadth together—for example; 10x14 equals 24 inches, and is in the first break; 12x18 equals 30 inches, and is in the second break; 15x30 equals 45 inches, and is in the third break; 24x30 equals 54 inches, and is in the fourth break; 30x40 equals 70 inches, and is in the fifth break, and so on up.

We carry stock of all the leading sizes in "Star" single thick.

Pure Putty.

Putty, in bladders, - - - - - per pound, $
" in tins, - - - "

Strictly Pure Whiting and Linseed Oil.

Used by all the best painters and glaziers.

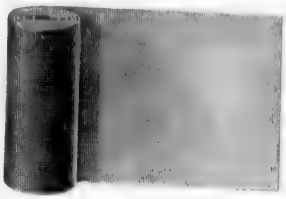
Glass Cutters.

No. 1, Glass Cutters, - - - - per dozen, $1 70

No. 5, Glass Cutters, - - - - per dozen, $1 20

One dozen in a box.

Window Screen Cloth.



Plain.

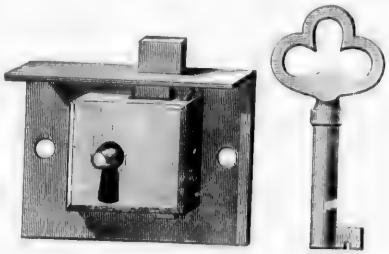
Landscape.

All widths from 18 inches, and advancing by 2 inches, up to 36 inches wide.

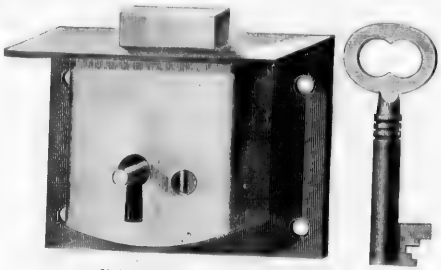
Plain Colors—Green, - - - - - - **per square foot, $0 03½**

Put up in rolls of 50 and 100 lineal feet.

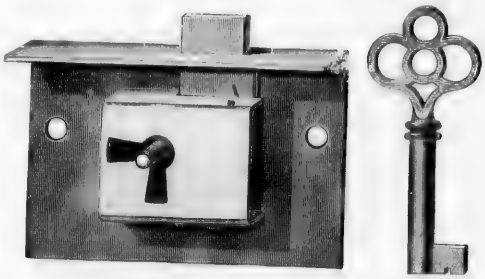
Drawer Locks.



Full Size Cut of No. 138.



Full Size Cut of No. 374.

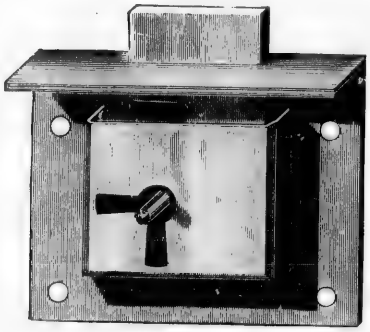


Full Size Cut of No. 72.

No. 138, 1¾ inch, Iron, ½ inch from selvedge to key pin, -	per dozen,	$0 80
No, 374, 2 inch, Iron, ⅞ inch from selvedge to key pin, - -	"	3 15
No. 72, 3 Keyed, 2¼ inch, Iron, ⅝ inch from selvedge to key pin,	"	0 35
No. 72, 12 Keyed, 2¼ inch, Iron, ⅝ inch from selvedge to key pin, -	"	0 68

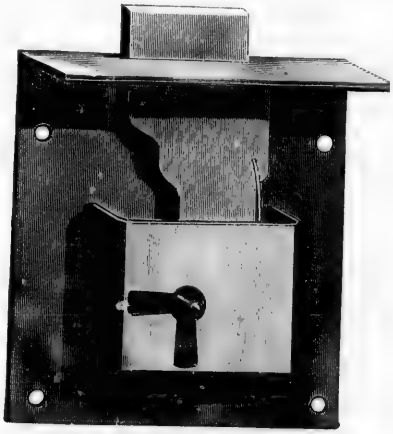
One dozen in a box.

Drawer Locks.



Full Size Cut of No. 161.

No. 161, 3 Keyed, $2\frac{1}{2}$ inch, Iron, $\frac{7}{8}$ inch from selvedge to key pin, - per dozen, $1 05
No. 161, 12 Keyed, $2\frac{1}{2}$ inch, Iron, $\frac{7}{8}$ inch from selvedge to key pin, - " 1 50



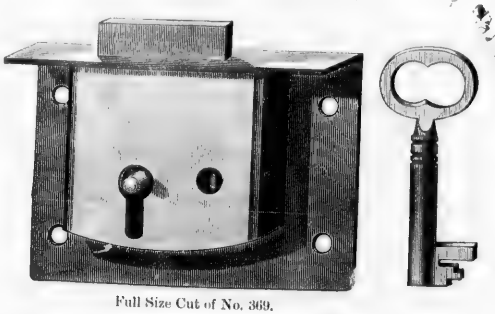
Full Size Cut of No. 240.

No. 240, 3 Keyed, $2\frac{1}{2}$ inch, Iron, Brass Selvedge, $1\frac{5}{8}$ inch from selvedge to key pin, per dozen, $1 60

No. 240, 12 Keyed, $2\frac{1}{2}$ inch, Iron, Brass Selvedge, $1\frac{5}{8}$ inch from selvedge to key pin, per dozen, $1 95

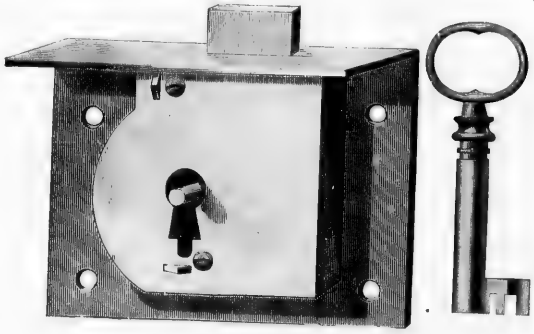
One dozen in a box.

Drawer Locks.



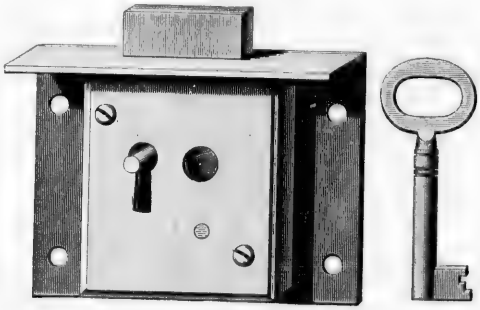
Full Size Cut of No. 369.

No. 369, $2\frac{1}{2}$ inch, Iron, $\frac{7}{8}$ inch from selvedge to key pin, - per dozen, $3 40



Full Size Cut of No. 2.

No. 2, $2\frac{1}{2}$ inch, Iron, $\frac{7}{8}$ inch from selvedge to key pin, - per dozen, $1 95

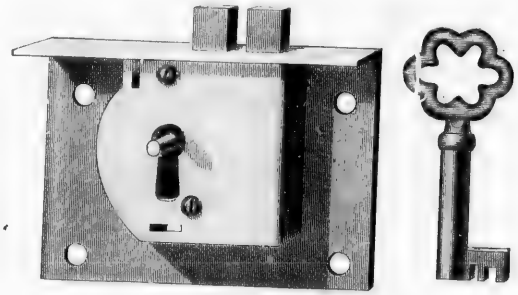


Full Size Cut of No. 805, $2\frac{1}{2}$ Inch.

No. 805, 2 inch, Brass, 2 Secure Levers, $\frac{5}{8}$ in. from selvedge to key pin, per dozen, $2 75
No. 805, $2\frac{1}{2}$ inch, Brass, 2 Secure Levers, $\frac{3}{4}$ in. from selvedge to key pin, " 3 40

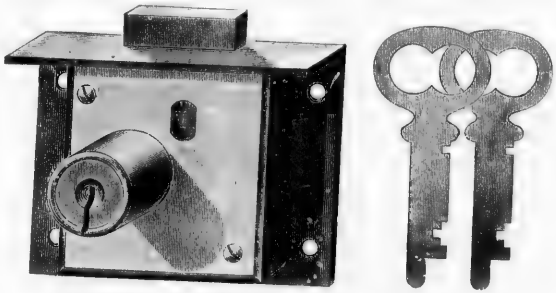
One dozen in a box.

Drawer Locks.



Full Size Cut of No. 219, 2½ Inch.

No. 219, 1¾ inch, Brass, ½ inch from selvedge to key pin, - - per dozen, $2 70
No. 219, 2 inch, Brass, ⅝ inch from selvedge to key pin, - " 2 70
No. 219, 2¼ inch, Brass, ¾ inch from selvedge to key pin, - " 2 85
No. 219, 2½ inch, Brass, ⅞ inch from selvedge to key pin, - " 3 10



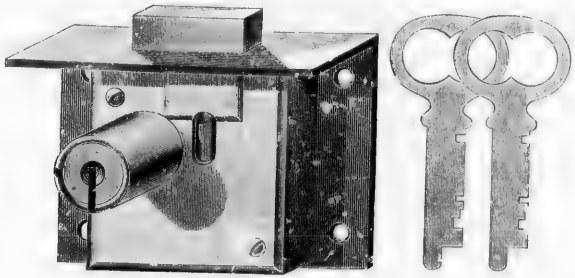
Full Size Cut of Nos. 6017 and 6117.

No. 6017, 2¼ inch, Iron, Square Selvedge, Solid Square Box, Broad Heavy Bolt, Screwed, 3 Secure Levers. ⅞ inch from selvedge to centre of key-cylinder, 2 Nickel-Plated Flat Steel Keys each. All different in a dozen. Made for ⅞ inch wood. Can be made with 3000 changes of keys, - per dozen, $6 90

No. 6117, 2¼ inch. May be locked without using the key, by pressing on plate in end of tube, otherwise same as No. 6017, - - per dozen, 6 90

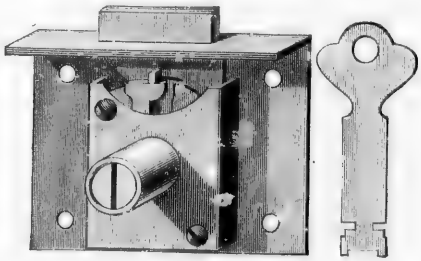
One dozen in a box.

Drawer Locks.



Full Size Cut of No. 6218.

No. 6218, $2\frac{1}{4}$ inch, Brass, Square Selvedge, Solid Square Box, Broad Heavy Bolt, Screwed, 3 Patent Adjustable Levers, so constructed that with a small screw-driver any person can adjust the lock to an endless variety of keys, or make his whole stock "alike" to fit one key, without opening the lock or affecting its security. $\frac{7}{8}$ inch from selvedge to centre of key cylinder. 2 Nickel-Plated Flat Steel Keys each. All different in a dozen. Made for $\frac{7}{8}$ inch wood. - - - - per dozen, $7 90

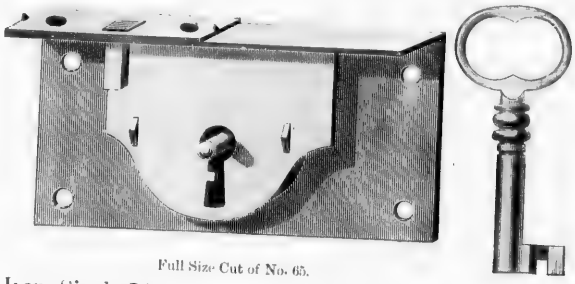


Full Size Cut of No. 6010.

No. 6010, 2 inch. All Brass, Square Selvedge, Broad Heavy Bolt, Screwed, 2 Secure Levers. $\frac{7}{8}$ inch from selvedge to centre of key cylinder. 2 Nickel-Plated Flat Steel Keys each. All different in a dozen. Made for $\frac{7}{8}$ inch wood, - - - - - - per dozen, $6 30

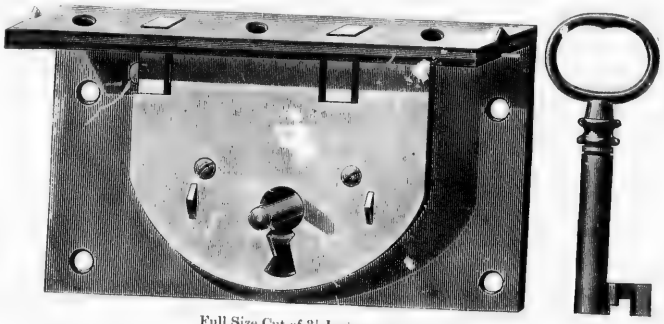
One dozen in a box.

Chest Locks.



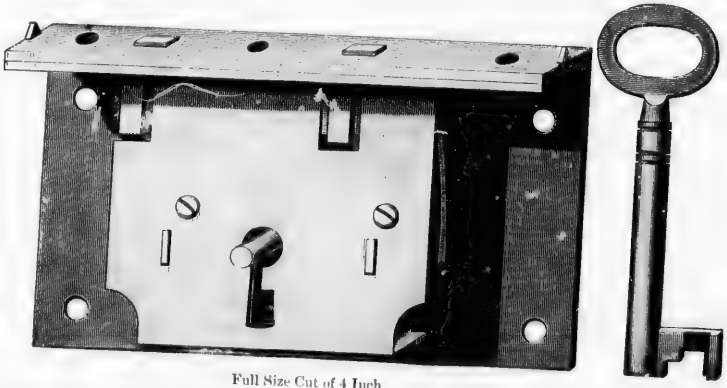
Full Size Cut of No. 65.

No. 64, $2\frac{1}{2}$ inch, Iron, Single Link, - - - - per dozen, $1 00
No. 65, 3 inch, Iron, Single Link, - - - " 1 00



Full Size Cut of $3\frac{1}{2}$ Inch.

No. 3, $2\frac{1}{2}$, 3, $3\frac{1}{2}$ and 4 inch, Iron, Double Link, - - per dozen, $1 60

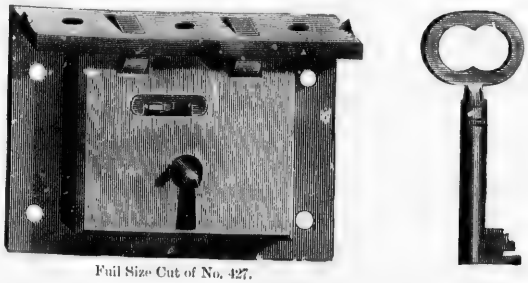


Full Size Cut of 4 Inch.

No. 5, $2\frac{1}{2}$, 3, $3\frac{1}{2}$ and 4 inch, Iron, Double Link, Screwed, - per dozen, $1 90

One dozen in a box.

Chest Locks.

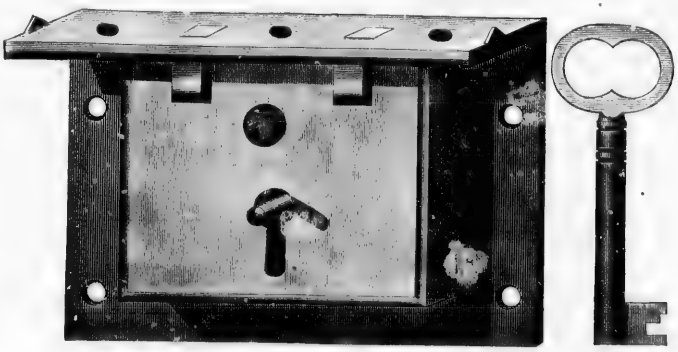


Full Size Cut of No. 427.

No. 427, 2½ inch, Iron, Square Selvedge, Solid Square Box, 2 Secure Levers, Double Link, Fine Flat Bow Keys. All different in a dozen, - per dozen, $3 65

Full Size Cut of No. 410.

No. 410, 3 inch, Iron, Square Selvedge, Solid Square Box, 2 Secure Levers, Double Link, Fine Flat Bow Keys. All different in a dozen, - per dozen, $4 15

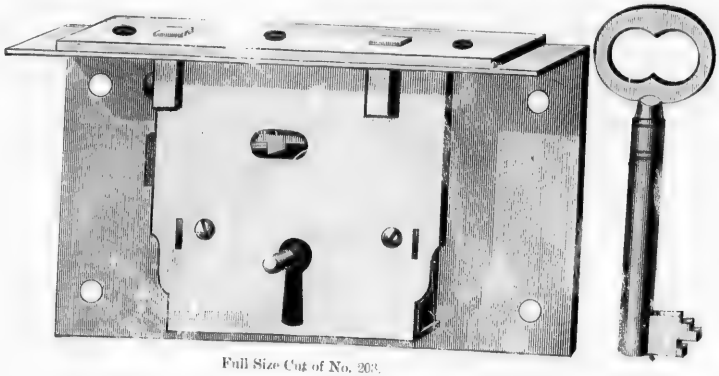


Full Size Cut of No. 408.

No. 408, 3½ inch, Iron, Square Selvedge, Solid Square Box, 2 Secure Levers, Double Link, Fine Flat Bow Keys. All different in a dozen, - per dozen, $4 75

One dozen in a box.

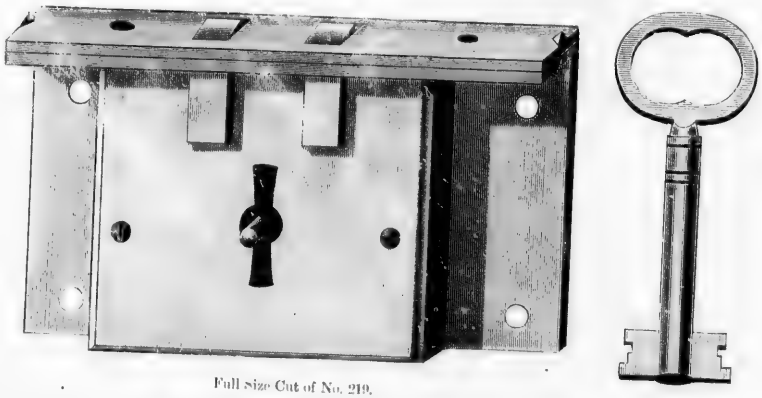
Chest Locks.



Full Size Cut of No. 203.

No. 203, 4 inch, Iron, Double Link, 2 Secure Levers, Screwed, Fine Flat Bow Keys. All different in a dozen, - - per dozen, $4 75

Spring or Tool Chest Locks.



Full Size Cut of No. 219.

No. 219, 4 inch, Iron, Square Selvedge, Self-Locking, Double Link, Screwed, Double-Bitted Keys, Secure Lever, Secret Wards, Brass Escutcheons. All different in a dozen, - - - - per dozen, $6 25

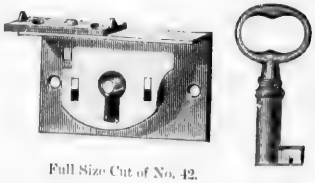
No. 13, 4 inch, Iron, Self-Locking, Double Link, Screwed, Single-Bitted Keys, per dozen, $

No. 116, 4 inch, Iron, Self-Locking, Double Link, Screwed, Single-Bitted K per dozen $ 75

No. 116 is a very superior lock.

One dozen in a box.

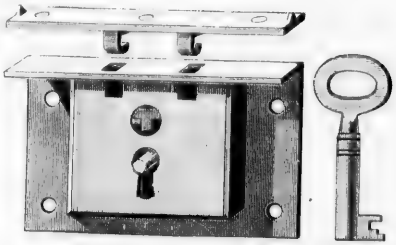
Box Locks.



Full Size Cut of No. 42.

Full Size Cut of No. 43.

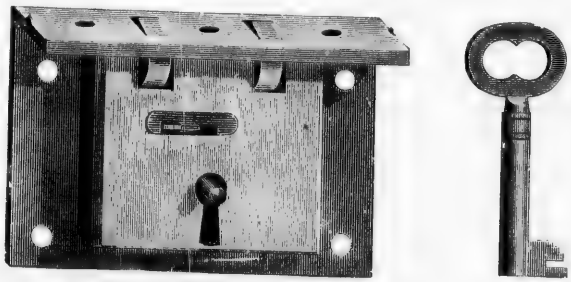
No. 42, $1\frac{1}{4}$ inch, Brass, Single Link, - - - - per dozen, $0 80
No. 43, $1\frac{1}{2}$ inch, Brass, Single Link, - - - " 0 80



Full Size Cut of No. 905, 2 Inch.

No. 905, $1\frac{1}{2}$ inch, Brass, 2 Secure Levers, Double Link, - per dozen, $3 00
No. 905, 2 inch, Brass, 2 Secure Levers, Double Link, - " 3 00
No. 905, $2\frac{1}{2}$ inch, Brass, 2 Secure Levers, Double Link, - " 3 25
No. 905, 3 inch, Brass, 2 Secure Levers, Double Link, - " 3 60

No. 905 has an unpolished box.



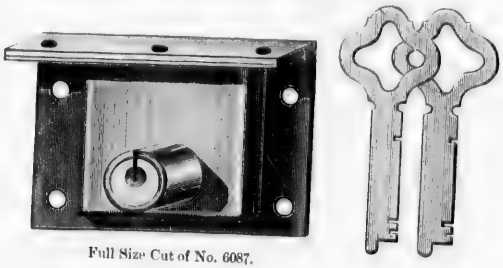
Full Size Cut of No. 205, $2\frac{1}{2}$ Inch.

No. 205, 2 inch, Brass, 3 Secure Levers, Double Link, - per dozen, $4 65
No. 205, $2\frac{1}{2}$ inch, Brass, 3 Secure Levers, Double Link, - " 5 40
No. 205, 3 inch, Brass, 3 Secure Levers, Double Link, - " 6 00

No. 205 has a polished box.

One dozen in a box.

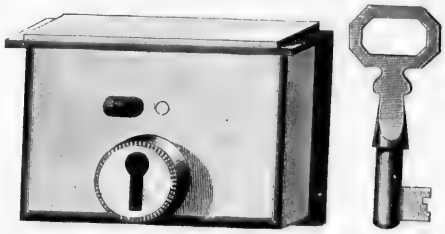
Box Locks.



Full Size Cut of No. 6087.

No. 6087, 2 inch. All Brass, Square Selvedge, Solid Square Box, Screwed, 3 Secure Levers, $\frac{3}{4}$ inch from selvedge to centre of key-cylinder, Double Link, 2 Nickel-Plated Steel Keys each. All different in a dozen. Made regular for $\frac{3}{4}$ inch wood, but can be made for any thickness of wood desired, per dozen, $9 50

Cash Box Locks.

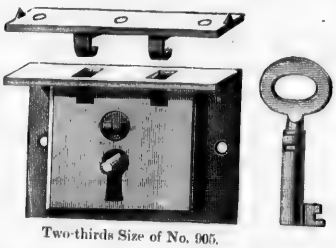


Full Size Cut of No. 618.

No. 618, 2 inch, Iron, 1 Secure Lever, $\frac{7}{8}$ inch from selvedge to key pin, Double Link, Solid Key, Brass Nozzle, all different in a dozen, - per dozen, $3 15

One dozen Locks and 24 Keys in a box.

Desk Locks.



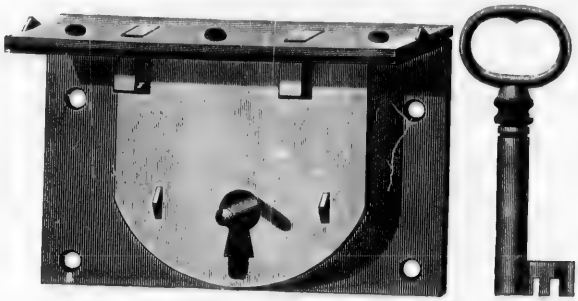
Two-thirds Size of No. 905.

No. 905, $2\frac{1}{2}$ inch, Brass, 2 Secure Levers, Double Link, - - per dozen, $4 00

One dozen in a box.

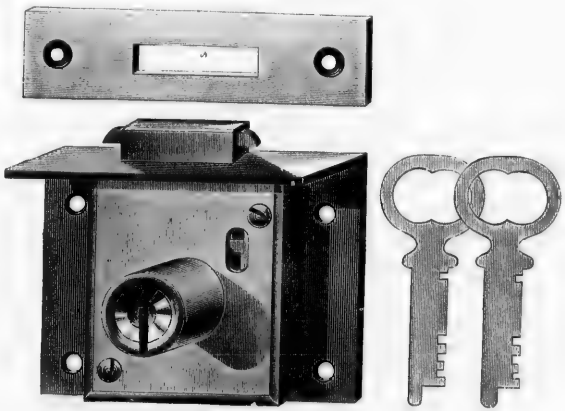
M. & L. Samuel Rogers & Co.

Desk Locks.



Full Size Cut of No. 5.

No. 5, Iron, Screwed, Double Link, - - - - per dozen, $1 95

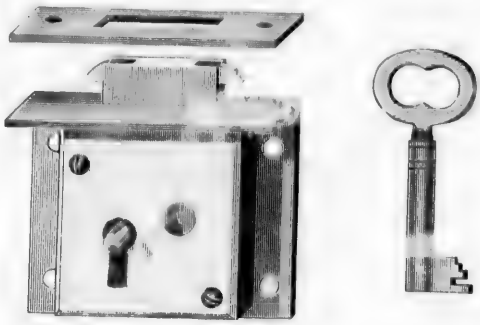


Full Size Cut of No. 6195.

No. 6195, 2¼ inch. All Brass, Square Selvedge, Solid Square Box, 3 Secure Levers, Double Hook Bolt, 1 inch from selvedge to centre of key-cylinder. Made regular for ⅞ inch wood, but can be made for any thickness of wood May be locked without using the key by pressing on plate in end of tube. Striker, 2 Nickel-Plated Flat Steel Keys each. All different in a dozen. Can be made with 120 changes of keys, - - per dozen, $8 40

One dozen in a box.

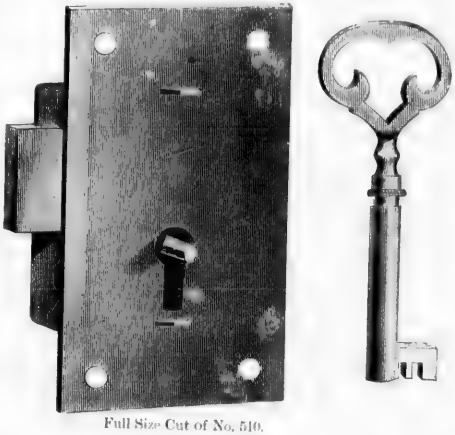
Desk Locks.



Full Size Cut of No. 1242.

No. 1242, 2 inch. Iron, Square Selvedge, Solid Box, Screwed, 2 Secure Levers, Fine Bow Keys. All different in a dozen, per dozen, $5 25

Cupboard Locks.



Full Size Cut of No. 510.

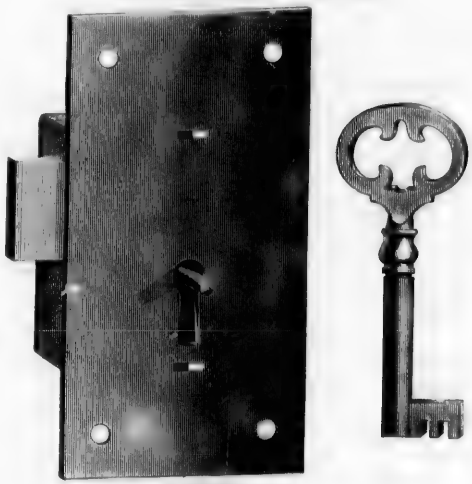
Full Size Cut of No. 417.

No. 510, 3x1¾ inch, Iron, Solid Square Box, Broad Bolt shoots right and left, per dozen, [illegible] 95

No. 417, 2¾x1¼ inch, Iron, Solid Square Box, Bolt shoots right and left, Tumbler, per dozen, $1 70

One dozen in a box.

Cupboard Locks.



Full Size Cut of No. 500.

No. 500, $3\frac{1}{2}$x2 inch. Iron, Solid Square Box, Broad Bolt, shoots right and left, per dozen, $1 35

Full Size Cut of No. 2233, 4 Inch.

No. 2233, 4x$2\frac{1}{4}$ inch. Iron, Solid Square Box, Broad Bolt, shoots right and left, Tumbler and Ward. - - - per dozen, $1 60

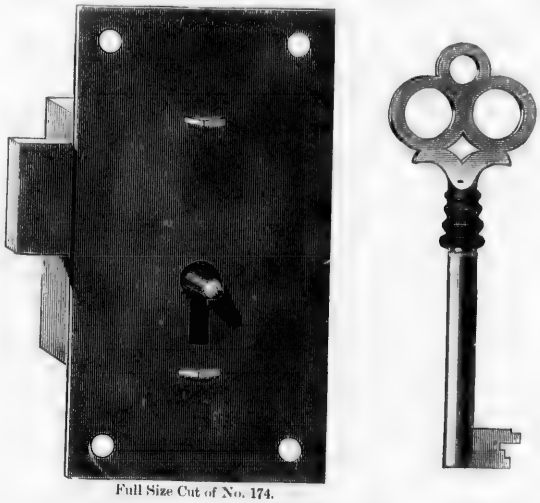
No. 2233, $3\frac{1}{2}$x2 inch. Iron, Solid Square Box, Broad Bolt, shoots right and left, Tumbler and Ward, - - - - per dozen, 1 60

One dozen in a box.

Cupboard Locks.

Full Size Cut of No. 173.

No, 173, 4x2¼ inch. Iron, Solid Square Box, Broad Heavy Bolt, shoots right and left, 2 Secure Levers, Fancy Bow Keys. All different in a dozen, per dozen, $2 65

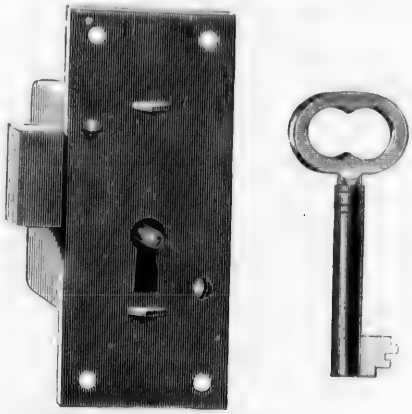


Full Size Cut of No. 174.

No. 174, 3½x2 inch. Iron, Solid Square Box, Broad Bolt, shoots right and left, 1 Secure Lever, Fancy Bow Keys. Assorted. Six kinds in a dozen, per dozen, $2 40

One dozen in a box.

Cupboard Locks.



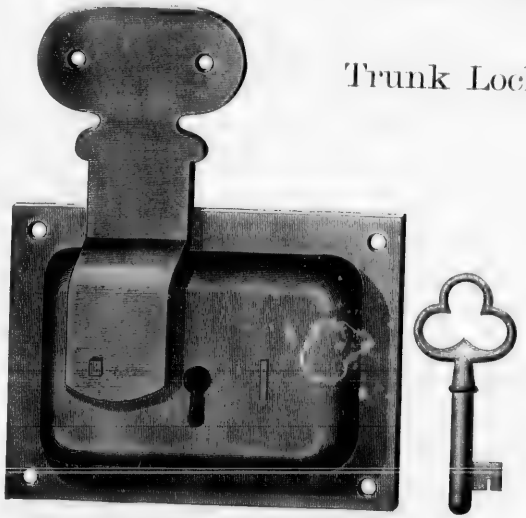
Full Size Cut of Nos. 219 and 220, 3 Inch.

No. 219, 2 x1⅛ inch, All Brass, Bolt shoots right and left, Ward Keys, per dozen, $2 65
No. 219, 2½x1¼ inch, All Brass, Bolt shoots right and left, Ward Keys, " 3 10
No. 219, 3 x1¼ inch, All Brass, Bolt shoots right and left, Ward Keys, " 3 55
No. 220, 2 x1⅛ inch, All Brass, Bolt shoots right and left, Lever Keys, " 3 60
No. 220, 2½x1¼ inch, All Brass, Bolt shoots right and left, Lever Keys, " 4 30
No. 220, 3 x1¼ inch, All Brass, Bolt shoots right and left, Lever Keys, " 4 80

No. 220 has a small opening in plate showing lever movement.

One dozen in a box.

Trunk Locks.

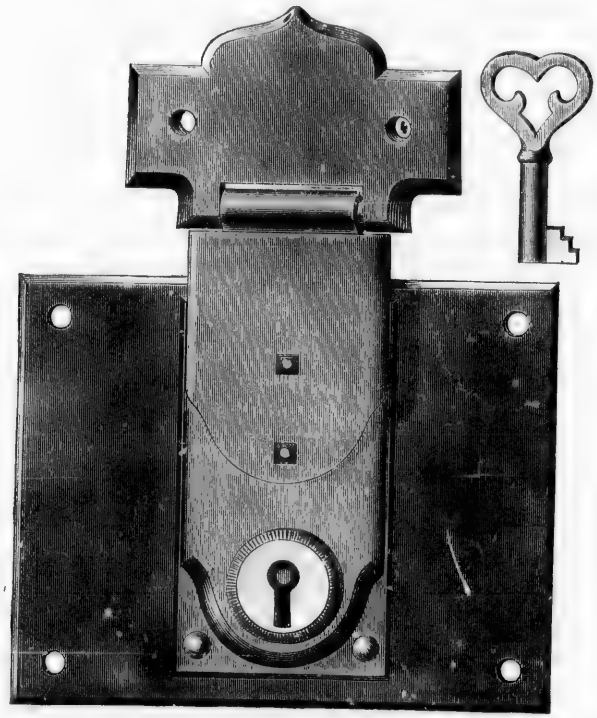


Full Size Cut of No. 115.

No. 115, 3 inch, Iron, Black Japanned, per dozen, $1 05

One dozen in a package.

Trunk Locks.



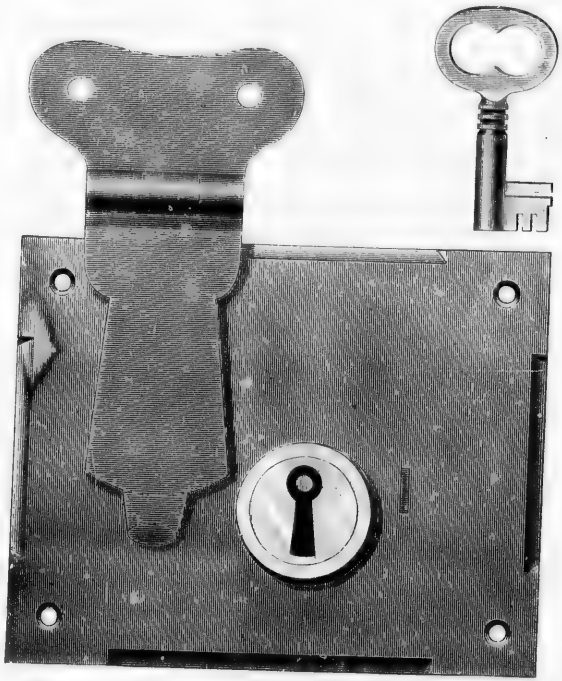
Full Size Cut of Nos. 93 and 94.

No. 93, 4 inch, Iron, Black Japanned, Heavy Stop Hasp, Brass Bush. Assorted. Three changes in a dozen, - - - - per dozen, $3 15

No. 94, 4 inch, Brass, Heavy Stop Hasp. Assorted. Three changes in a dozen, per dozen, 5 60

One dozen in a package.

Trunk Locks.



Full Size Cut of No. 548, 4 Inch.

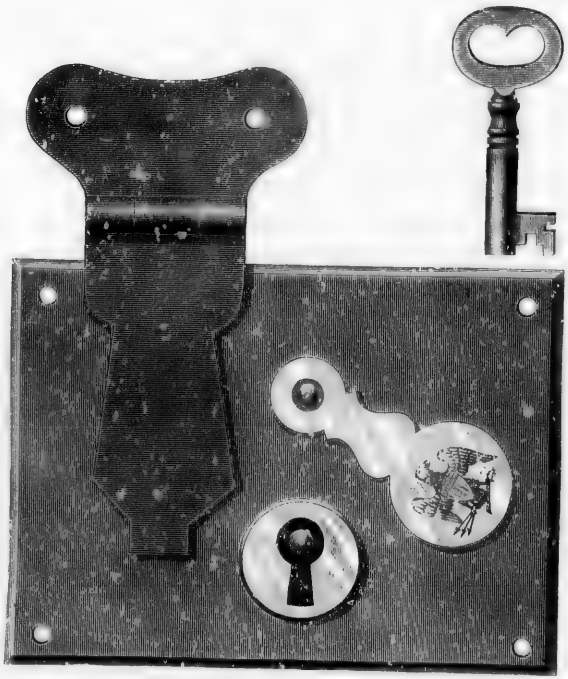
No. 548, 3 inch, Iron, Red Japanned, Solid Stop Hasp, Brass Bush, Tumbler and Wards, Fine Flat Bow Keys, - - - per dozen, $1 30

No. 548, 3½ inch, Iron, Red Japanned, Solid Stop Hasp, Brass Bush, Tumbler and Wards, Fine Flat Bow Keys, - - - per dozen, 1 30

No. 548, 4 inch, Iron, Red Japanned, Solid Stop Hasp, Brass Bush, Tumbler and Wards, Fine Flat Bow Keys, - - - per dozen, 1 30

One dozen in a box.

Trunk Locks.



Full Size Cut of No. 603, 4 Inch.

No. 603, 3 inch, Iron, Red Japanned, Solid Stop Hasp, Brass Drop and Bush, Tumbler and Wards, Fine Flat Bow Keys. Assorted, - per dozen, $2 25

No. 603, 3½ inch, Iron, Red Japanned, Solid Stop Hasp, Brass Drop and Bush, Tumbler and Wards, Fine Flat Bow Keys. Assorted, - per dozen, 2 25

No. 603, 4 inch, Iron, Red Japanned, Solid Stop Hasp, Brass Drop and Bush, Tumbler and Wards, Fine Flat Bow Keys. Assorted, - per dozen, 2 25

One dozen in a box.

Padlocks.

Full Size Cut of Nos. 505 and 605.

Full Size Cut of No. 610.

Full Size Cut of No. 502.

Full Size Cut of No. 300, ⅝ Inch.

No. 610,	2¼ inch, Bronze Metal, 2 Flat Steel Keys,	per dozen,	$10 00
No. 502,	¾ inch, Brass, for Dog Collars,	"	2 20
No. 300,	⅝ inch, Brass, Nickel Plated, for Dog Collars,	"	4 10
No. 505,	¾ inch, Brass, Spring, for Dog Collars,	"	1 60
No. 605,	¾ inch, Brass, Nickel Plated, Spring, for Dog Collars,	"	1 95

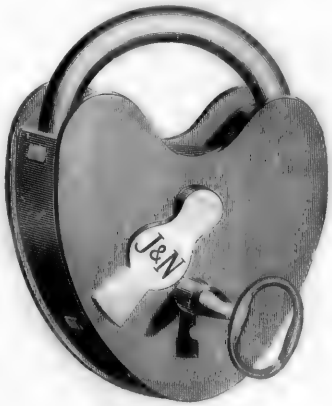
No. 610, half a dozen in a box; others, one dozen.

Wrought Iron Tumbler Padlocks.

Full Size Cut of No. 00000.

Full Size Cut of No. 0000.

No. 00000, 2 inch, Japanned, Self-locking, 12 Keys, - - per dozen, $1 00
No. 0000, 2 inch, Japanned, One Wheel, 12 Keys, - - " 0 97
No. 000, 2¼ inch, Japanned, One Wheel, 12 Keys, - - " 1 20



Full Size Cut of No. 00.

Full Size Cut of No. 0.

No. 00, 2¼ inch, Japanned, Brass Drop, 12 Keys, - - - per dozen, $1 65
No. 0, 2¼ inch, Japanned, Brass Drop and Bushing, 12 Keys, " 1 70

One dozen in a box; assorted keys.

Wrought Iron Tumbler Padlocks.

Full Size Cut of No. 1024

Full Size Cut of No. 1029.

No. 1024, $2\frac{1}{2}$ inch, Japanned, Brass Bushing, 12 Keys,	per dozen,	$2 85
No. 1029, $2\frac{1}{4}$ inch, Japanned, Brass Bushing and Drop, 12 Keys,	"	3 10
No. 1029, $2\frac{1}{4}$ inch, Japanned, Brass Bushing and Drop, 24 Keys,	"	3 70

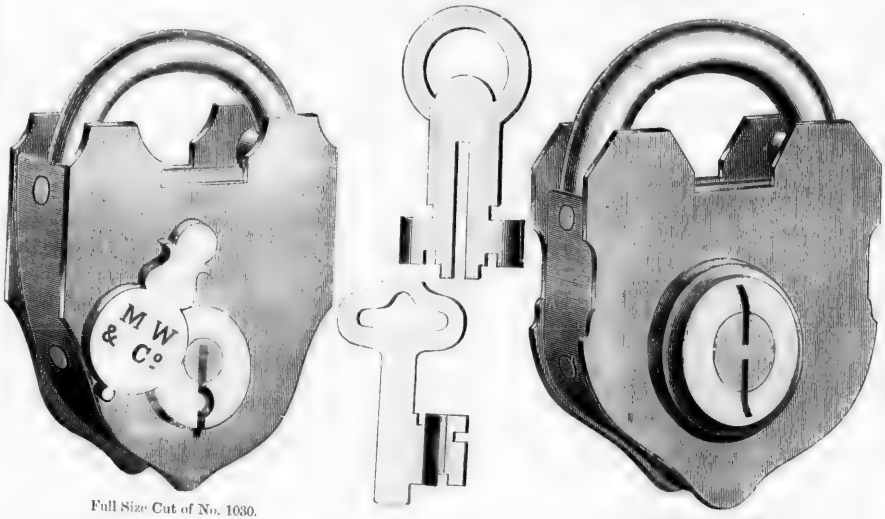
Half dozen in a box; keys all different

Full Size Cut of No. 16.

No. 16, $2\frac{1}{4}$ inch, Japanned, Brass Bushing and Drop, with Chain, 12 Keys, per dozen, $2 70

One dozen in a box, assorted keys.

Wrought Iron Tumbler Padlocks.



Full Size Cut of No. 1030. Full Size Cut of No. 1033.

No. 1030, 2½ inch, Japanned, Brass Bushing and Drop, 12 Steel Keys, per dozen, $3 80
No. 1030, 2½ inch, Japanned, Brass Bushing and Drop, 24 Steel Keys, " 4 40
No. 1033, 2½ inch, Japanned, Brass Bushing, 12 Steel Keys, - " 4 75
No. 1033, 2½ inch, Japanned, Brass Bushing, 24 Steel Keys, - " 5 50

Half dozen in a box; keys all different.

Full Size Cut of No. 1048.

No. 1048, 2½ inch, Japanned, Brass Bushing and Drop, Self-Locking, 12 Keys, per dozen, $2 65

No. 1048, 2½ inch, Japanned, Brass Bushing and Drop, Self-Locking, 24 Keys, per dozen, 3 00

Half dozen in a box; assorted keys.

$3 80
4 40
4 75
5 50

$2 65

3 00

Wrought Iron Tumbler Padlocks.

Full Size Cut of No. 1001.

Full Size Cut of No. 1011.

No. 1001, $2\frac{1}{2}$ inch, Japanned, Brass Bushing and Drop, 12 Keys, - per dozen, $3 60
No. 1011, $2\frac{1}{2}$ inch, Japanned, Brass Bushing and Drop, 12 Keys, - " 5 00

Half dozen in a box; keys all different.

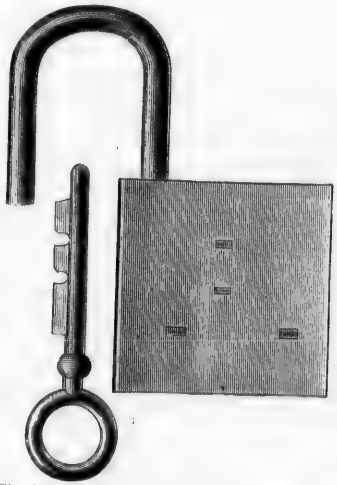
Full Size Cut of No. 1049.

No. 1049, $2\frac{1}{2}$ inch, Japanned, Brass Bushing and Drop, Self-Locking, with Chain, 12 Keys, - - - - - - - per dozen, $3 60
No. 1049, $2\frac{1}{2}$ inch, Japanned, Brass Bushing and Drop, Self-Locking, with Chain, 24 Keys, - - - - - - - - per dozen, 3 80

Half dozen in a box; assorted keys.

Wrought Iron Padlocks.

Full Size Cut of No. 1037.



Full Size Cut of No. 9976; Style of Nos. 9976, 12411 and 12261.

No. 1037,	2 inch, Japanned, Brass Bushing, Self-Locking, 12 Keys,	per dozen,	$1 70
No. 1037,	2 inch, Japanned, Brass Bushing, Self-Locking, 24 Keys,	"	2 10
No. 9976,	2 inch, Japanned, Self-Locking, 12 Keys,	"	2 75
No. 12411,	2¼ inch, Japanned, Self-Locking, 12 Keys,	"	1 20
No. 12261,	2½ inch, Painted Red, Self-Locking, 12 Keys,	"	1 70

Wrought Brass Padlocks.

Full Size Cut of No. 4016.

Full Size Cut of No. 4018.

No. 4016,	1¼ inch, Brass, Self-Locking, Spring Shackle, with 12 Flat Steel Keys,	per dozen,	$3 15
No. 4017,	1¼ inch, Brass, Self-Locking, Spring Shackle, with 24 Flat Steel Keys,	per dozen,	4 40
No. 4018,	1½ inch, Brass, Self-Locking, Spring Shackle, with 12 Flat Steel Keys,	per dozen,	3 38
No. 4019,	1½ inch, Brass, Self-Locking, Spring Shackle, with 24 Flat Steel Keys,	per dozen,	4 62

One dozen in a box.

Wrought Brass Padlocks.

Full Size Cut of No. 4016 C.

No. 4016 C, $1\frac{1}{4}$ inch, Brass, Self-Locking, Spring Shackle, with 12 Flat Steel Keys with Chain to fasten around Railway arm seat. Specially adapted for Travellers, - - - - per dozen, $6 75

Full Size Cut of No. 4020.

Full Size Cut of No. 4022.

No. 4020, $1\frac{3}{4}$ inch, Brass, Self-Locking, Spring Shackle, with 12 Flat Steel Keys, per dozen, $4 05

No. 4021, $1\frac{3}{4}$ inch, Brass, Self-Locking, Spring Shackle, with 24 Flat Steel Keys, per dozen, 5 30

No. 4022, 2 inch, Brass, Self-Locking, Spring Shackle, with 12 Flat Steel Keys, per dozen, 4 70

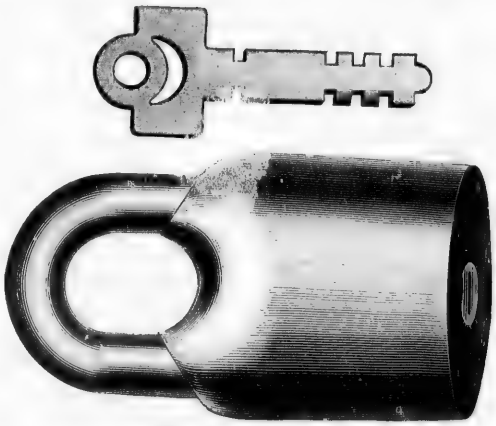
No. 4023, 2 inch, Brass, Self-Locking, Spring Shackle, with 24 Flat Steel Keys, per dozen, 5 95

One dozen in a box.

Scandinavian Padlocks.

Full Size Cut of Nos. 210 and 310.

Full Size Cut of Nos. 211 and 311.



Full Size Cut of 212 and 312.

No. 210, Blued, Malleable, Fast Shackle, 2 Steel Keys,	- -	per dozen,	$2 00
No. 211, Blued, Malleable, Fast Shackle, 2 Steel Keys,	-	"	2 45
No 212, Blued, Malleable, Fast Shackle, 2 Steel Keys,	- -	"	2 90
No. 310, Blued, Malleable, Loose Shackle, 2 Steel Keys,	-	"	2 20
No. 311, Blued, Malleable, Loose Shackle, 2 Steel Keys,	- -	"	2 70
No. 312, Blued, Malleable, Loose Shackle, 2 Steel Keys,	-	"	3 20

Half dozen in a box.

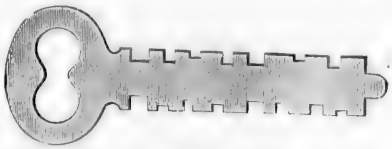
Extra Fine Scandinavian Padlocks.

Full Size Cut of No. 2010.

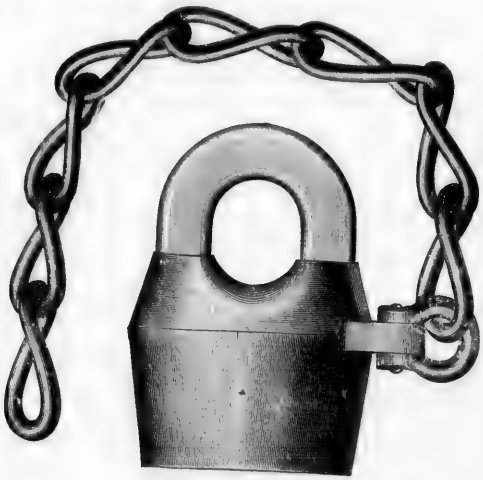
Full Size Cut of No. 2011.

No. 2010, Blued, Extra Finish, Malleable Hasp, Secured, Wrought Tumblers, 2 Flat Steel Keys, 24 Changes, - - - per dozen, $4 50

No. 2011, Blued, Extra Finish, Malleable Hasp, Secured, Wrought Tumblers, 2 Flat Steel Keys, 24 Changes, - - - per dozen, 5 50



Full Size Cut of No. 2012.



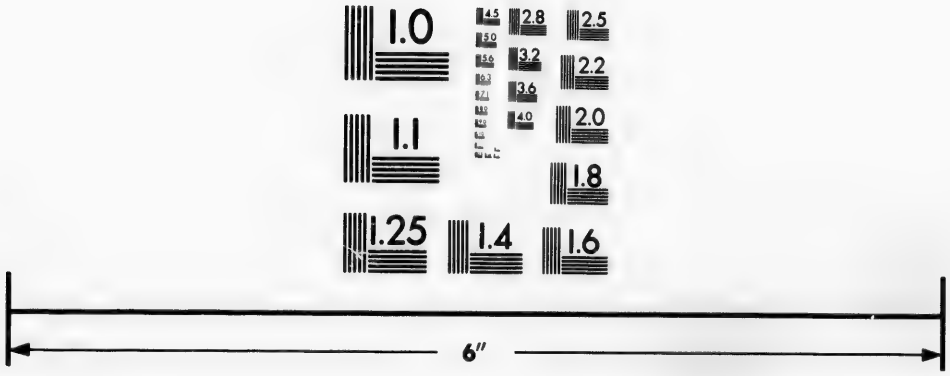
Full Size Cut of No. 2051.

No. 2012, Blued, Extra Finish, Malleable Hasp, Secured, Wrought Tumblers, 2 Flat Steel Keys, 24 Changes, - - per dozen, $6 50

No. 2051, Blued, same as No. 2011, but with Chain, - - " 7 50

Half dozen in a box.

IMAGE EVALUATION
TEST TARGET (MT-3)



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23 WEST MAIN STREET
WEBSTER, N.Y. 14580
(716) 872-4503

2.8
2.5
3.2
2.2
3.6
2.0
1.8
1.1
1.0

Yale Spring Padlocks.

Three Tumblers.

Full Size Cut of No. 813.

Full Size Cut of No. 823.

Full Size Cut of No. 833.

Full Size Cut of No. 843.

Full Size Cut of No. 853.

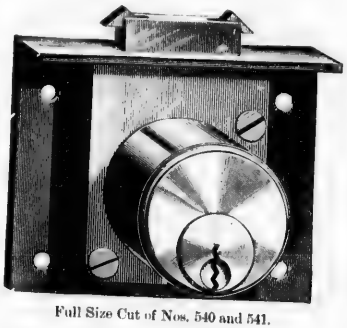
Full Size Cut of No. 863.

No. 813, 1 inch, Finished Bronze Metal, with 24 Nickeled Keys,	per dozen,	$10	20
No. 823, $1\frac{1}{4}$ inch, Finished Bronze Metal, with 24 Nickeled Keys,	"	12	00
No. 833, $1\frac{1}{2}$ inch, Finished Bronze Metal, with 24 Nickeled Keys,	"	13	80
No. 843, $1\frac{3}{4}$ inch, Finished Bronze Metal, with 24 Nickeled Keys,	"	15	60
No. 853, 2 inch, Finished Bronze Metal, with 24 Nickeled Keys,	"	17	40
No. 863, $2\frac{1}{4}$ inch, Finished Bronze Metal, with 24 Nickeled Keys,	"	19	20

Half dozen in a box.

Yale Desk Locks.

With New Corrugated Keys.



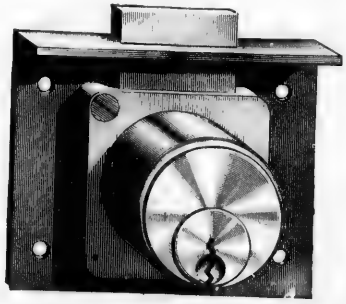
Full Size Cut of Nos. 540 and 541.

No. 540, $2\frac{1}{4}$x$1\frac{7}{8}$ inch, All Brass, Plated Nose, for $\frac{3}{4}$ inch wood, with 2 Nickeled Keys, - - - - - - each, $1 20

No. 541, $2\frac{1}{4}$x$1\frac{7}{8}$ inch, All Brass, Brass Nose, for $\frac{3}{4}$ inch wood, with 2 Nickeled Keys, - - - - - - each, 1 10

Yale Drawer Locks.

With New Corrugated Keys.



Full Size Cut of Nos. 560 to 563.

No. 560, $2\frac{1}{4}$x$1\frac{7}{8}$ inch, All Brass, Plated Nose, for $\frac{3}{4}$ inch wood, with 2 Nickeled Keys, - - - - - - each, $1 10

No. 561, $2\frac{1}{4}$x$1\frac{7}{8}$ inch, All Brass, Brass Nose, for $\frac{3}{4}$ inch wood, with 2 Nickeled Keys, - - - - - - each, 1 00

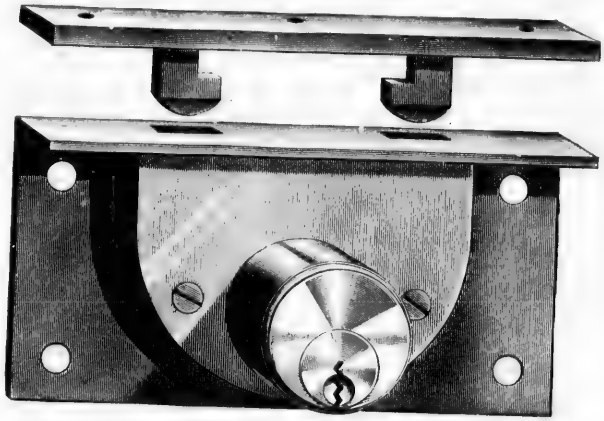
No. 562, $2\frac{1}{4}$x$1\frac{7}{8}$ inch, All Brass, Plated Nose, for 1 inch wood, with 2 Nickeled Keys, - - - - - - each, 1 10

No. 563, $2\frac{1}{4}$x$1\frac{7}{8}$ inch, All Brass, Brass Nose, for 1 inch wood, with 2 Nickeled Keys, - - - - - - each, 1 00

One in a box.

Yale Chest Locks.

With New Corrugated Keys.



Full Size Cuts of Nos. 520 and 521.

No. 520, 4x2 inch, All Brass, Plated Nose, for $1\frac{1}{4}$ inch wood, with 2 Nickeled Keys, - - - - - - each, $2 35

No. 521, 4x2 inch, All Brass, Brass Nose, for $1\frac{1}{4}$ inch wood, with 2 Nickeled Keys, - - - - - - - - each, 2 25

Yale Box Locks.

With New Corrugated Keys.

Full Size Cut of Nos. 5240 and 5241.

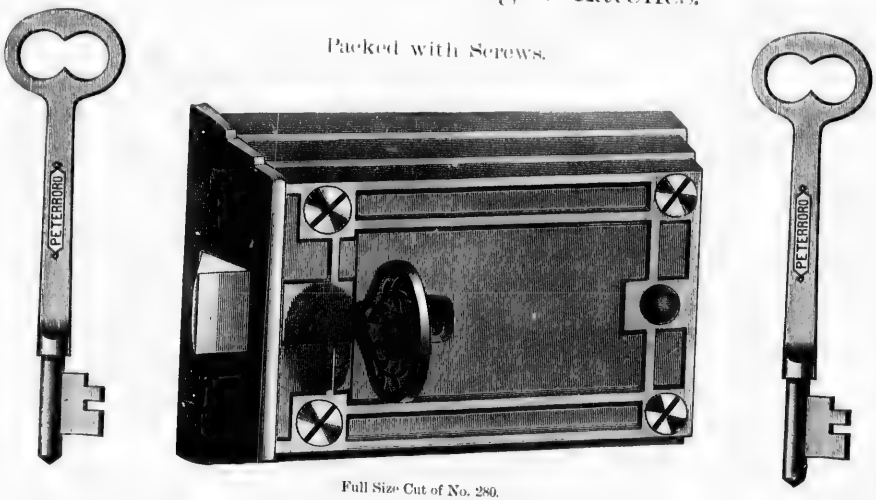
No. 5240, 3x$1\frac{7}{8}$ inch, All Brass, Plated Nose, for $\frac{7}{8}$ inch wood, with 2 Nickeled Keys, - - each, $1 50

No. 5241, 3x$1\frac{7}{8}$ inch, All Brass, Brass Nose, for $\frac{7}{8}$ inch wood, with 2 Nickeled Keys, - - - - - - each, 1 40

One in a box.

Horizontal Rim Night Latches.

Packed with Screws.



Full Size Cut of No. 280.

No. 280, 4x2½ inch, Iron Bolt, Brass Turn Knob, Two Nickel-Plated Steel Keys, One Tumbler, - - - per dozen, $

Half dozen in a box.

Full Size Cut of No. 70.

No. 70, 4x2¾ inch, Heavy Iron Bolt, Brass Drawback Knob, which stops the Latch by turning; Two Nickel-Plated Keys, Japanned Escutcheon, per dozen, $8 60

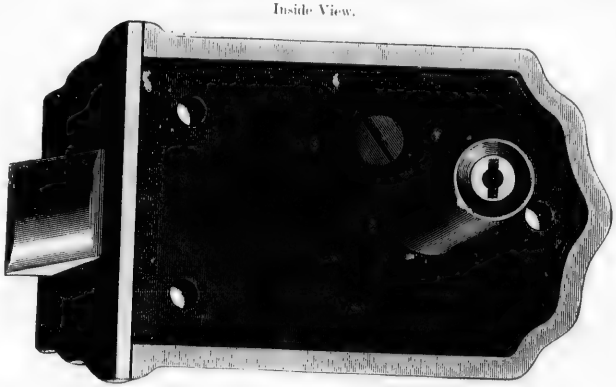
Quarter dozen in a box.

Horizontal Rim Cylinder Reversible Night Latches.

Packed with Screws.

Outside View.

Inside View.



Full Size Cuts.

Will suit any thickness of door.

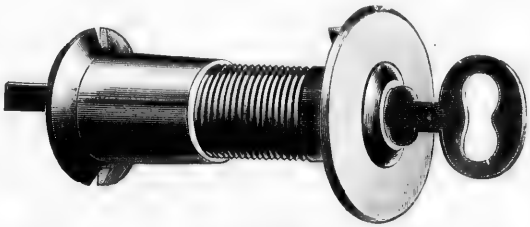
No. 625, $3\frac{3}{4}$x$2\frac{5}{8}$ inch, Iron Bolt, Bronze Escutcheon, 2 Nickeled Keys, with Nickeled Stop and Drawback Knob, - - - per dozen, $12 75

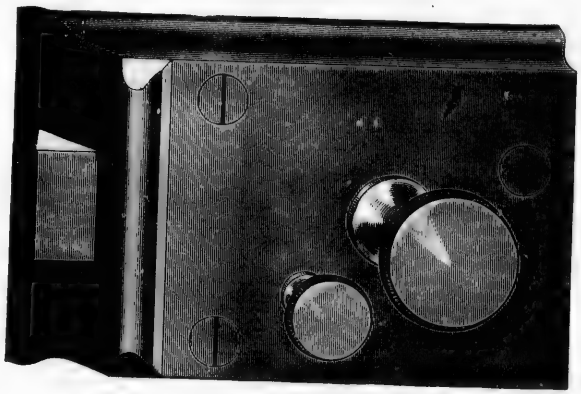
No. 627, $3\frac{3}{4}$x$2\frac{5}{8}$ inch, Bronze Bolt and Escutcheon, 2 Nickeled Keys, with Nickeled Stop and Drawback Knob, - - per dozen, 13 90

Quarter dozen in a box.

Morris' Independent Cylinder Reversible Rim Night Latch.

Patented Oct. 3, 1882.





Full Size Cut of No. 700.

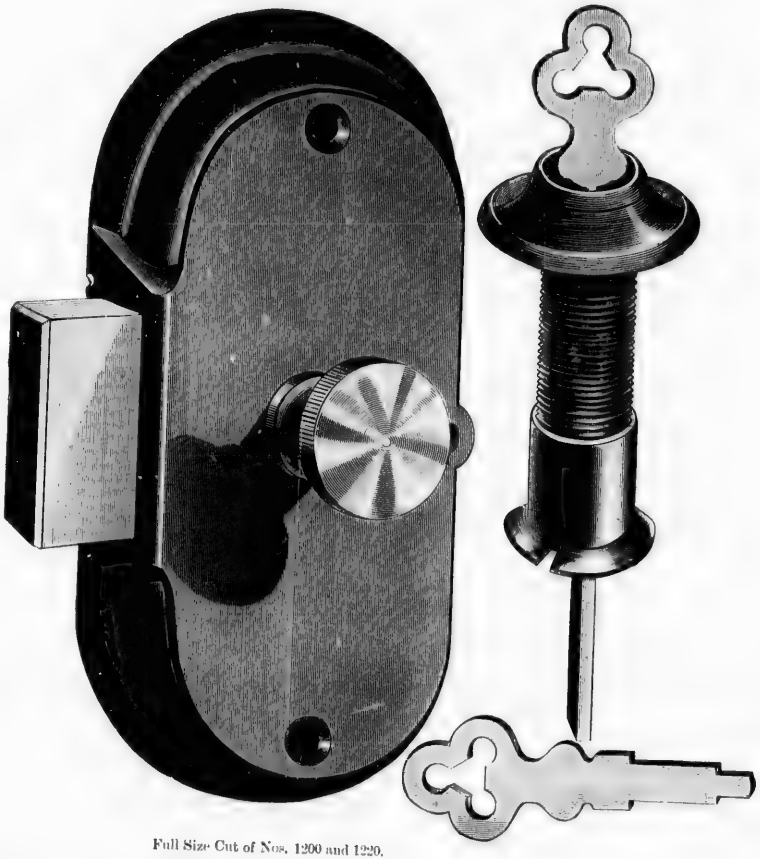
For Doors $1\frac{1}{4}$ to 2 Inches.

No. 700, $3\frac{3}{4}$x$2\frac{7}{8}$ inch, Heavy Black Japanned Case, Heavy Reversible Bronze Latch, Bronze Knobs, with 2 Flat Steel Keys, - - per dozen, $19 50

Quarter dozen in a box.

Morris' Independent Cylinder Upright Rim Store Door Dead Locks.

Patented Oct. 3, 1882.



Full Size Cut of Nos. 1200 and 1220.

The Independent Cylinder is adjustable to any thickness door from $1\frac{1}{2}$ inch to $2\frac{3}{4}$ inch, and very easily applied. Directions with each Lock.

Packed with Screws.

No. 1200, $5\frac{3}{4}$x$2\frac{7}{8}$ inch, Iron Bolt, Bronze Cylinder and Knob, 2 Flat Steel Keys, per dozen, $36 75

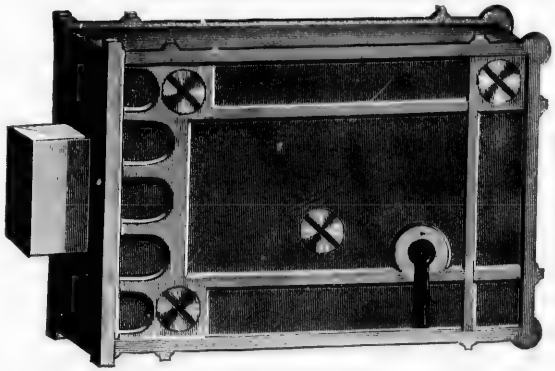
No. 1220, $5\frac{3}{4}$x$2\frac{7}{8}$ inch, Brass Bolt, Bronze Cylinder and Knob, 2 Flat Steel Keys, per dozen, 40 50

One in a box.

Horizontal Rim Dead Locks.

For Right or Left-Hand Doors.

PACKED WITH SCREWS.



Full Size Cut of Nos. 2120, 2121 and 2122.

No. 2120, $3\frac{1}{2}$x$2\frac{1}{4}$ in., Iron Bolt, Tinned Malleable Iron Key, 1 Tumbler, per dozen, $
No. 2121, $3\frac{1}{2}$x$2\frac{1}{4}$ in., Iron Bolt, Nickel-Plated Steel Key, 1 Tumbler, "
No. 2122, $3\frac{1}{2}$x$2\frac{1}{4}$ in., Brass Bolt, Nickel-Plated Steel Key, 1 Tumbler, "

Full Size Cut of Nos. 2731 and 2736.

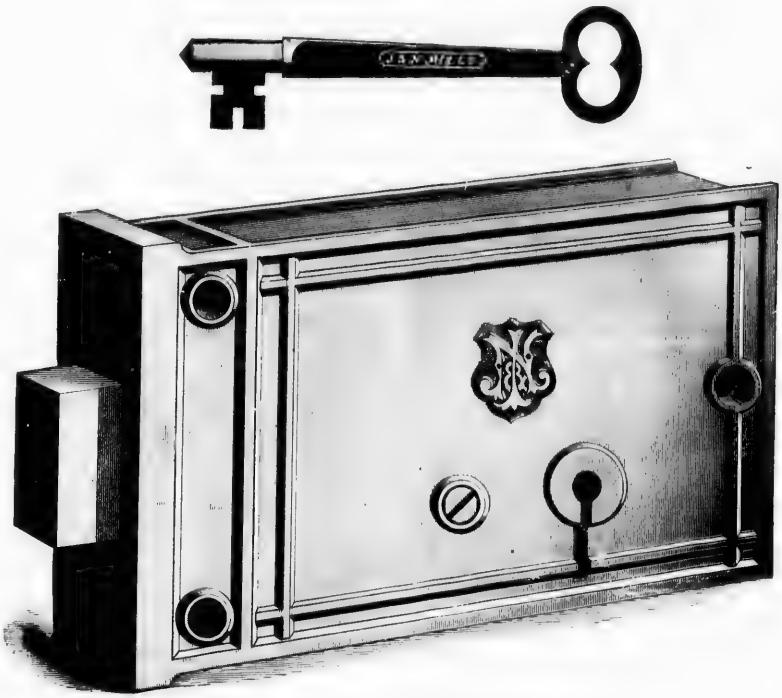
No. 2731, 4x$2\frac{1}{2}$ in., Iron Bolt, Tinned Malleable Iron Key, 1 Tumbler, per dozen, $
No. 2736, 4x$2\frac{1}{2}$ in., Iron Bolt, Nickel-Plated Steel Key, 1 Tumbler, "

Half dozen in a box.

Horizontal Rim Dead Locks.

For Right or Left-Hand Doors.

PACKED WITH SCREWS.



Full Size Cut of Nos. 2751 and 2756.

No. 2751, 5x3¼ in., Iron Bolt, Tinned Malleable Iron Key, 1 Tumbler, per dozen, $
No. 2756, 5x3¼ in., Iron Bolt, Nickel-Plated Steel Key, 1 Tumbler, "

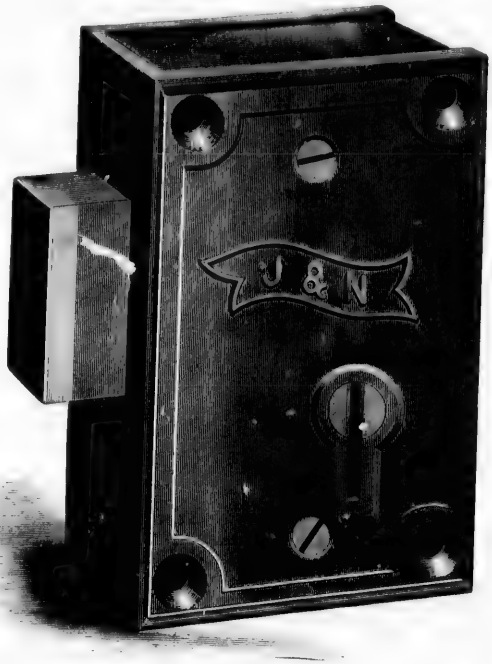
Half dozen in a box.

Upright Store Door Rim Dead Locks.

For Right or Left-Hand Doors.

PACKED WITH SCREWS.

M. & L. Samuel, Benjamin & Co.



Full Size Cut of Nos. 2771 and 2773.

No. 2771, 4x2½ inch, Heavy Iron Bolt, 1 Nickeled Folding Steel Key, Revolving Brass Bushing, 1 Tumbler, 24 Changes, - - per dozen, $14 00

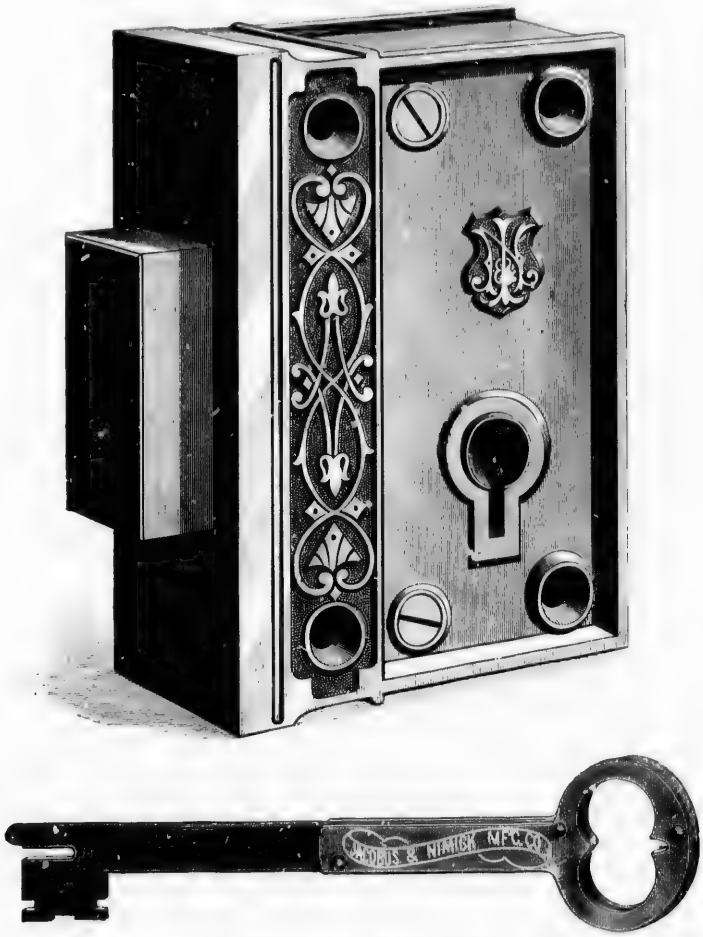
No. 2773, 4x2½ inch, Heavy Iron Bolt, 2 Nickeled Folding Steel Keys, Revolving Brass Bushing, 1 Tumbler, 24 Changes, - - per dozen, 17 00

One twelfth dozen in a box.

Upright Store Door Rim Dead Locks.

For Right or Left-Hand Doors.

PACKED WITH SCREWS.



Two-thirds Size Cut of Nos. 2781 and 2783.

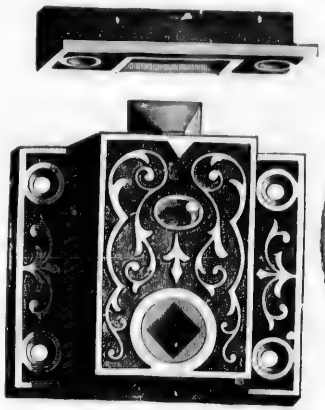
No. 2781, 5x3⅛ inch, Heavy Iron Bolt, 1 Nickeled Folding Steel Key, Revolving Brass Bushing, 1 Tumbler, 24 Changes, - - per dozen, $15 00

No. 2783, 5x3⅛ inch, Heavy Iron Bolt, 2 Nickeled, Folding Steel Keys, Revolving Brass Bushing, 1 Tumbler, 24 Changes, - - per dozen, 18 00

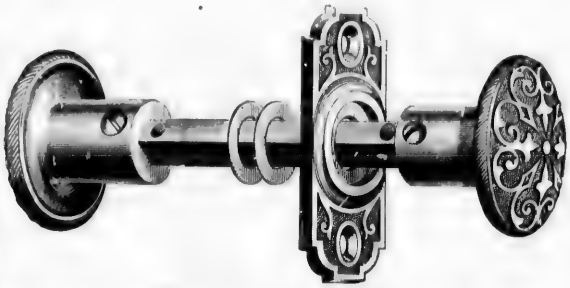
One-twelfth dozen in a box.

Bronzed Screen Door Catch.

For Doors $\frac{7}{8}$ to $1\frac{3}{8}$ Inches Thick.



Full Size Cut of No. 6240, $2\frac{1}{4}$x$1\frac{3}{8}$ Inch.



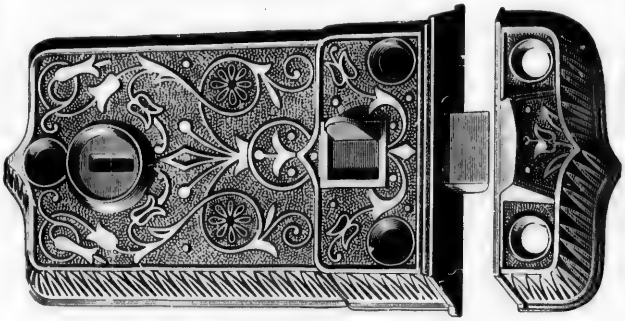
Full Size Cut of Knobs for No. 6240 Latch.

No. 6240, Tuscan Bronzed Latch, with Stop, Reverse Bevel, Patent Triangular Bolt, packed with Knobs and Screws, - - - per dozen, $3 40

Sun Latch.

For Screen and Light Doors.

PACKED WITH SCREWS.



Full Size Cut of No. 78.

Full Size Cut of Knob for No. 78.

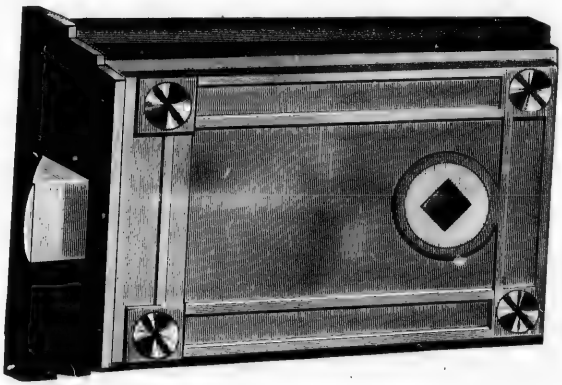
No. 78, $3\frac{1}{2}$x$2\frac{1}{4}$ inch, Fancy Bronzed Cases and Knob, Iron Bolts, Stop on Latch Bolt, - - - - - - - per dozen, $3 25

Half dozen in a box.

Horizontal Rim Knob Latches.

For Right or Left-Hand Doors.

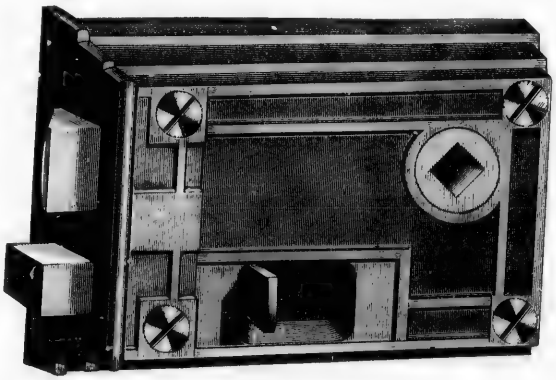
PACKED WITH SCREWS.



Full Size Cut of No. 270.

Without Slide Bolt.

No. 270, $3\frac{5}{8}$x$2\frac{3}{4}$ inch, Iron Bolt, - - - - per dozen, $



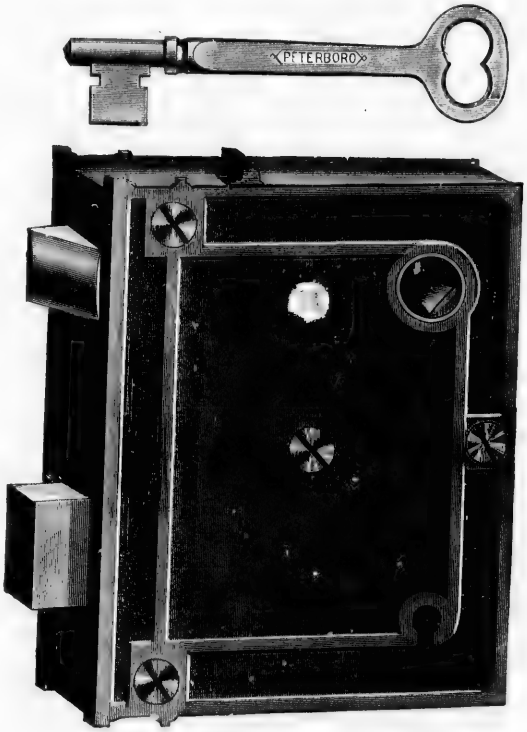
Full Size Cut of No. 275.

With Slide Bolt.

No. 275, $3\frac{5}{8}$x$2\frac{3}{4}$ inch, Iron Bolt and Slide Bolt, Flush Thumb Piece, per dozen, $

Half dozen in a box.

Reversible Upright Rim Knob Lock.



Full Size Cut of No. 21220.

WITH STOP.

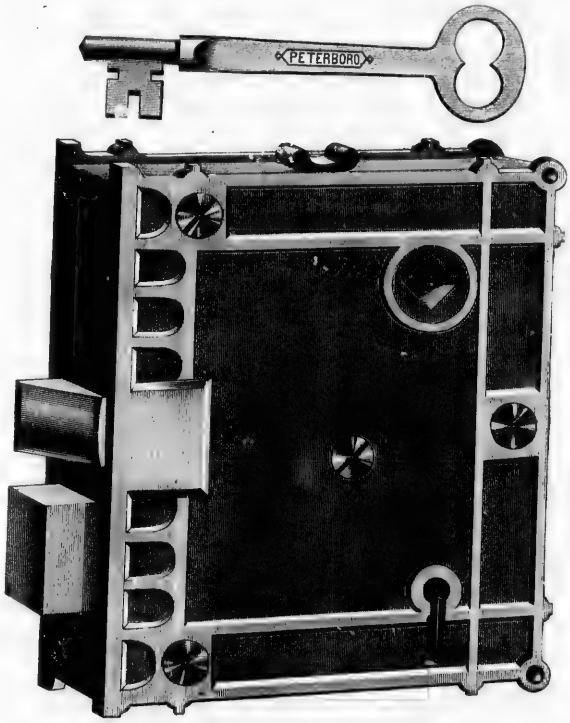
To Reverse, Remove the Cap and Turn Latch Bolt.

No. 21220, 4x3¼ inch, Iron Bolts, Bronzed Iron Key, - - per dozen, $

Half dozen in a box.

Reversible Upright Rim Knob Locks.

Packed with Screws.



Full Size Cut of Nos. 21225, 21226 and 21227.

LEVER MOVEMENT.

To Reverse the Latch, Remove the Cap.

No. 21225, $4\frac{1}{4}$x$3\frac{1}{4}$ inch, Iron Bolts, Tinned Malleable Iron Key, Stop on Latch, 12 Changes, - - - - - per dozen, $8

No. 21226, $4\frac{1}{4}$x$3\frac{1}{4}$ inch, Iron Bolts, Nickeled Key, Stop on Latch, 12 Changes, per dozen,

No. 21227, $4\frac{1}{4}$x$3\frac{1}{4}$ inch, Brass Bolts, Nickeled Key, Stop on Latch, 12 Changes, per dozen,

These Locks are put up in sets, number 1 to 6 and 7 to 12. Keys all different.

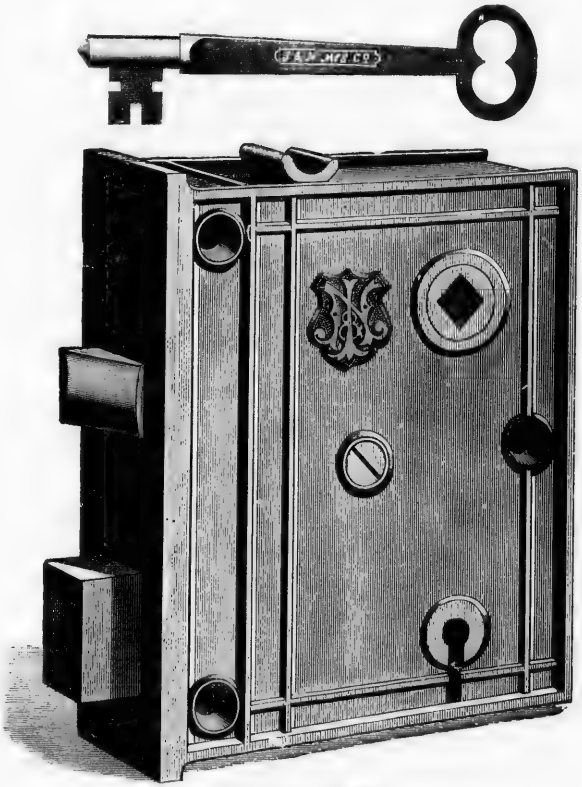
Key for No. 21225 is Class 26.
Keys for Nos. 21226 and 21227 are Class 28.

Half dozen in a box.

Reversible Upright Rim Knob Lock.

Wrought Iron Inside.

PACKED WITH SCREWS.



Full Size Cut of No. 2236.

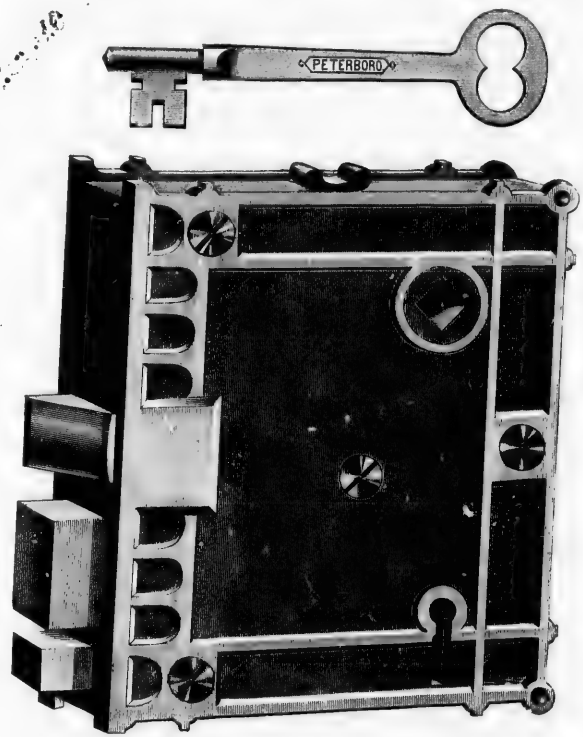
Lever Movement.

No. 2236, $4\frac{1}{4}$x$3\frac{1}{2}$ inch, Iron Bolts, Nickeled Steel Key, Stop on Latch Bolt, 1 Tumbler, - - - - - per dozen, **$5 00**.

Half dozen in a box.

Reversible Upright Rim Knob Locks.

Packed with Screws.



Full Size Cut of Nos. 21235, 21236 and 21237.

REVERSIBLE LATCH BOLT.

Lever Movement.

To reverse, draw slide at back of lock, remove latch, turn it over, and replace, pushing slide to place.

No. 21235, $4\frac{1}{4}$x$3\frac{1}{4}$ in., 3 Iron Bolts, Flat Tinned Malleable Iron Key, 12 Changes, per dozen, $

No. 21236, $4\frac{1}{4}$x$3\frac{1}{4}$ in., 3 Iron Bolts, Flat Nickeled Key, 12 Changes, "

No. 21237, $4\frac{1}{4}$x$3\frac{1}{4}$ in., 3 Brass Bolts, Flat Nickeled Key, 12 Changes, "

These Locks are put up in sets, numbered 1 to 6 and 7 to 12. Keys all different.

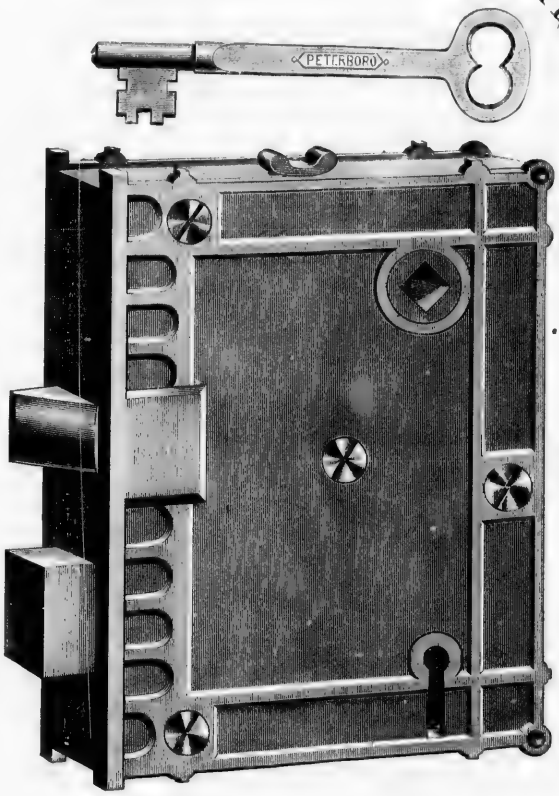
Keys for No. 21235 are Class 26.
Keys for Nos. 21236 and 21237 are Class 28.

Half dozen in a box.

Reversible Upright Rim Knob Locks.

Packed with Screws.

M. & L. Samuel, Benjamin & Co.



Full Size Cut of Nos. 21241 and 21242.

REVERSIBLE LATCH BOLT.

Easy Spring Lever Action.

To reverse, draw slide at back of lock, remove the latch, turn it over, and replace, pushing slide to place.

No. 21241, 4½x3½ inch, 2 Iron Bolts, Nickeled Key, Stop on Latch, 1 Tumbler, per dozen, $6 50

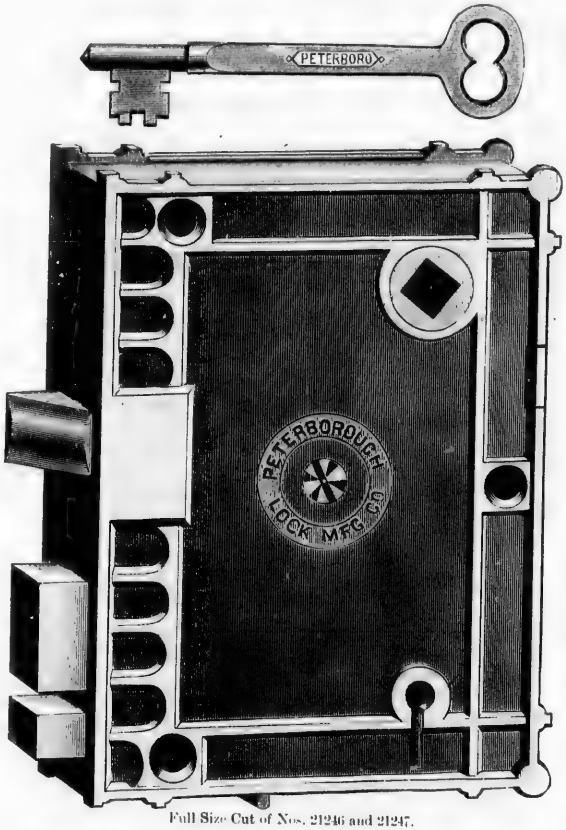
No. 21242, 4½x3½ inch, 2 Brass Bolts, Nickeled Key, Stop on Latch, 1 Tumbler, per dozen, 8 00

Keys for Nos. 21241 and 21242 are Class 28.

Half dozen in a box.

Reversible Upright Rim Knob Locks.

Packed with Screws.



Full Size Cut of Nos. 21246 and 21247.

REVERSIBLE LATCH BOLT.

Easy Spring Lever Action.

To reverse, draw slide at back of lock, remove latch, turn it over, and replace, pushing slide to place.

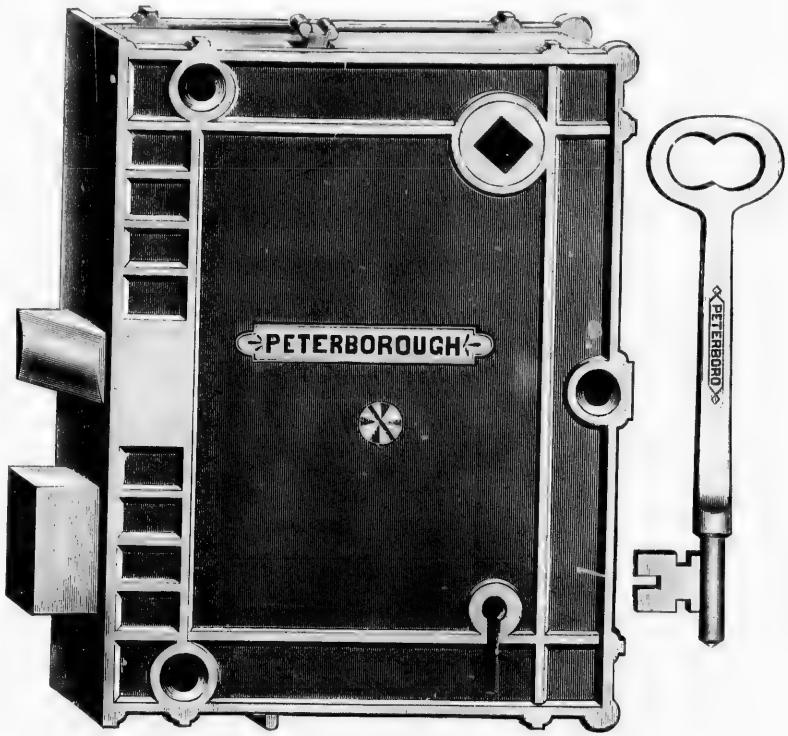
No. 21246, $4\frac{1}{2}$x$3\frac{1}{2}$ inch, 3 Iron Bolts, Nickeled Key, 1 Tumbler,	per dozen,	**$7 25**
No. 21247, $4\frac{1}{2}$x$3\frac{1}{2}$ inch, 3 Brass Bolts, Nickeled Key, 1 Tumbler,	"	**9 00**

Keys for Nos. 21246 and 21247, are Class 28.

Half dozen in a box.

Reversible Upright Rim Knob Locks.

Packed with Screws.



Full Size Cut of Nos. 21251 and 21252.

REVERSIBLE LATCH BOLT.

Easy Spring Lever Action.

To reverse, draw slide at back of lock, remove the latch, turn it over, and replace, pushing slide to place.

No. 21251, 5x4 inch, 2 Iron Bolts, Stop on Latch, Nickeled Key, 1 Tumbler, per dozen, $10 25

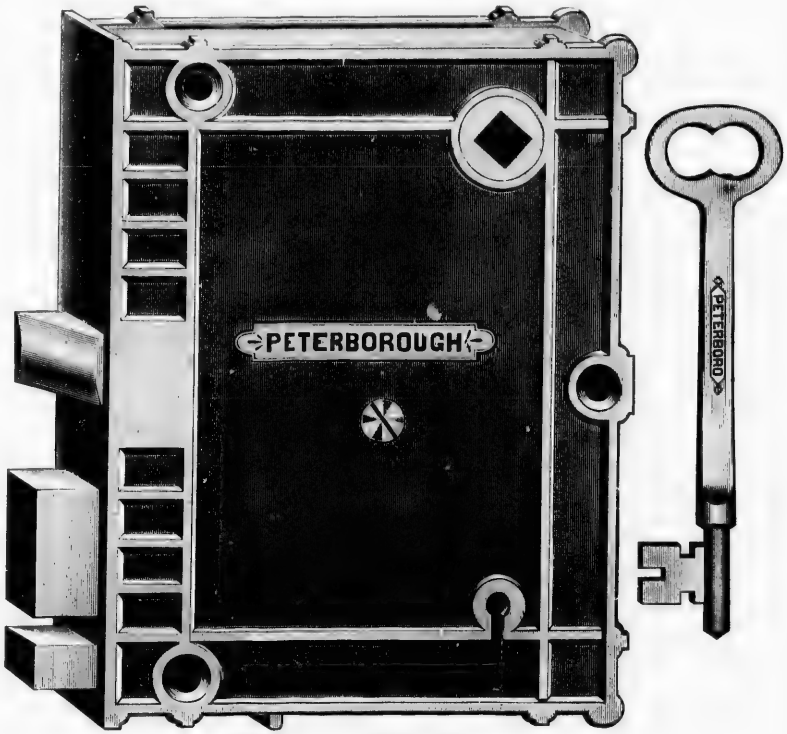
No. 21252, 5x4 inch, 2 Brass Bolts, Stop on Latch, Nickeled Key, 1 Tumbler, per dozen, 12 00

Keys for Nos. 21251 and 21252 are Class 29.

Half dozen in a box.

Reversible Upright Rim Knob Locks.

Packed with Screws.



Full Size Cut of Nos. 21261 and 21262.

REVERSIBLE LATCH BOLT.

Easy Spring Lever Action.

To reverse, draw slide at top of lock, remove latch, turn it over, and replace, pushing slide to place.

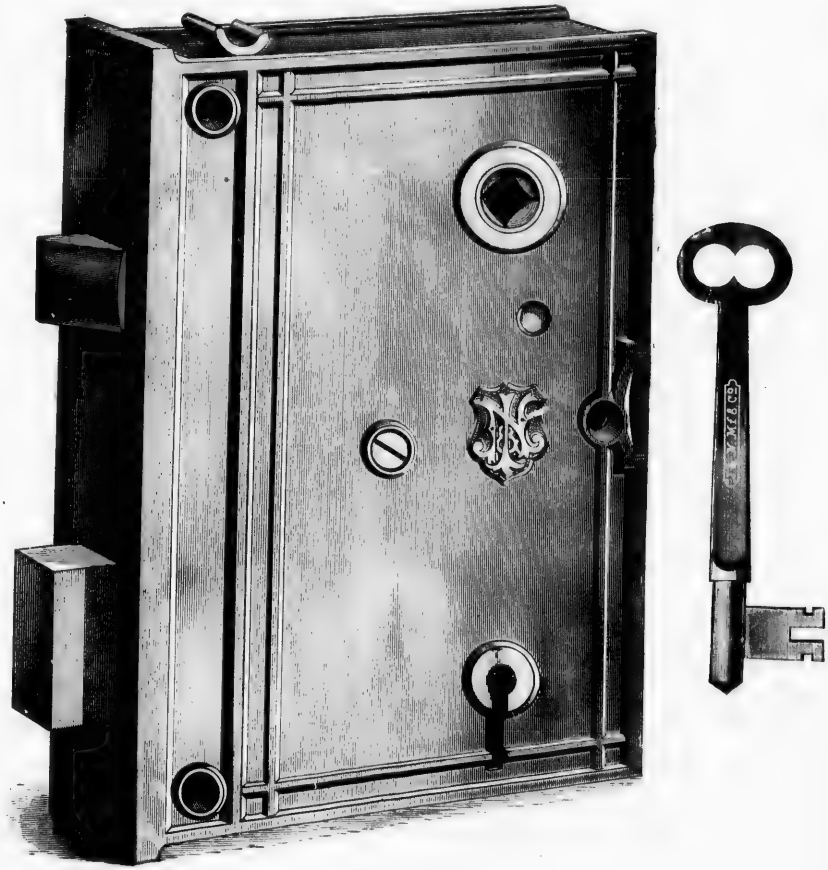
No. 21261, 5x4 inch, 3 Iron Bolts, Nickeled Key, 1 Tumbler,	-	per dozen,	$11 00
No. 21262, 5x4 inch, 3 Brass Bolts, Nickeled Key, 1 Tumbler,	-	"	13 50

Keys for Nos. 21261 and 21262 are Class 29.

Half dozen in a box.

Reversible Upright Rim Knob Lock.

Packed with Screws.



Full Size Cut of No. 2366.

REVERSIBLE LATCH BOLT.

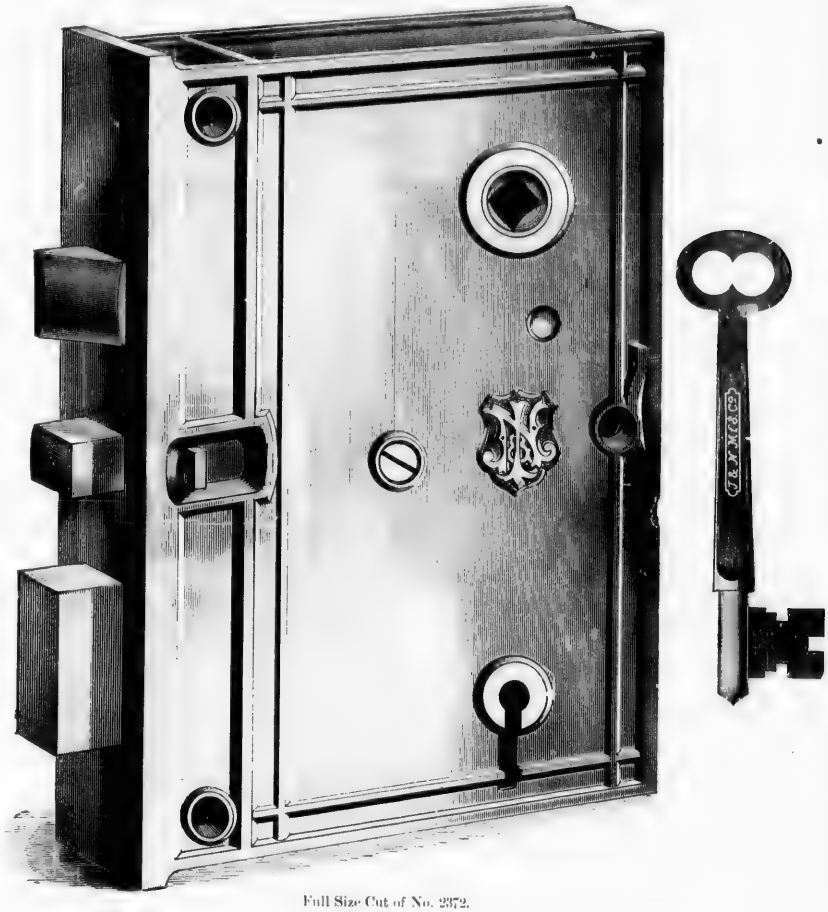
Easy Spring Lever Action.

No. 2366, 6x4 inch, Heavy Iron Bolts, Nickeled Key, Stop on Latch Bolt, 1 Tumbler, - - - - - per dozen, $12 00

Quarter doz. , a box.

Reversible Upright Rim Knob Lock.

Packed with Screws.



Full Size Cut of No. 2372.

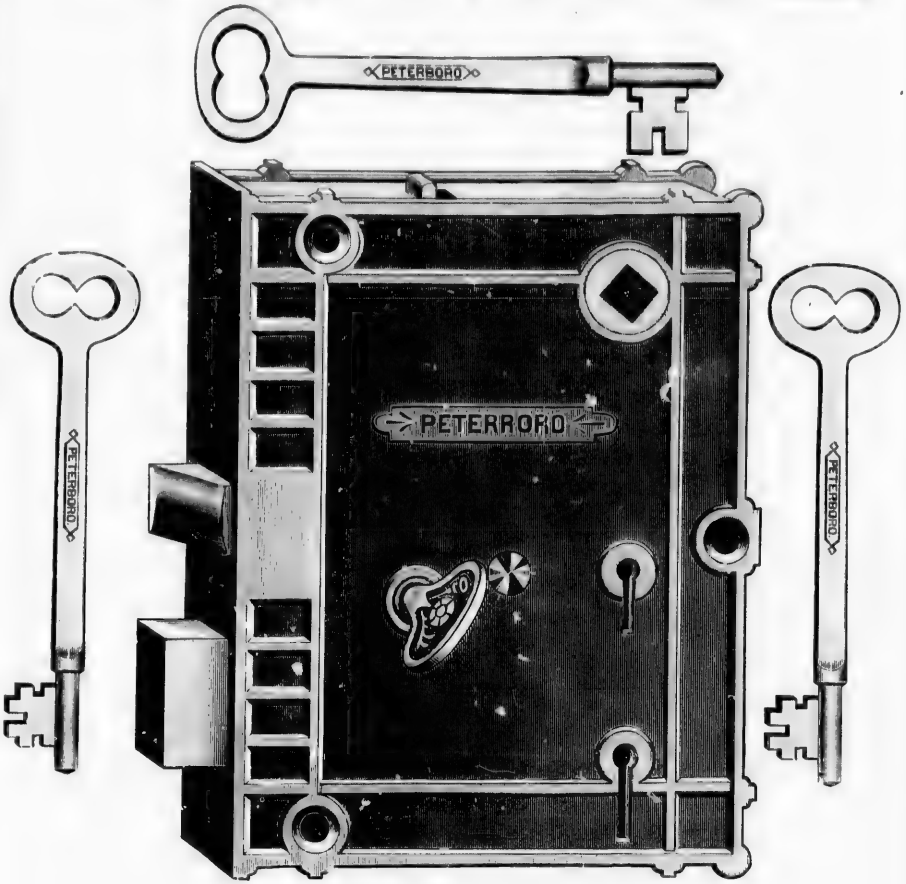
REVERSIBLE LATCH BOLT.

Easy Spring Lever Action.

No. 2372, 6x4 inch, 3 Iron Bolts, Nickeled Key, 1 Tumbler, - per dozen, $13 50

Quarter dozen in a box.

Reversible Upright Rim Front Door Knob Locks.



Full Size Cut of Nos. 21270 and 21271.

REVERSIBLE LATCH BOLT.

With Night Work.

To reverse, draw slide at top of lock, remove latch, turn it over and replace, pushing slide to place.

No. 21270, 5x4 inch, Iron Bolts, Brass Turn Knob, 2 Nickeled Steel Night Keys, 1 Steel Tumbler, 1 Nickeled Key for Locking Bolt, 1 Steel Tumbler, - - - - - per dozen, $22 00

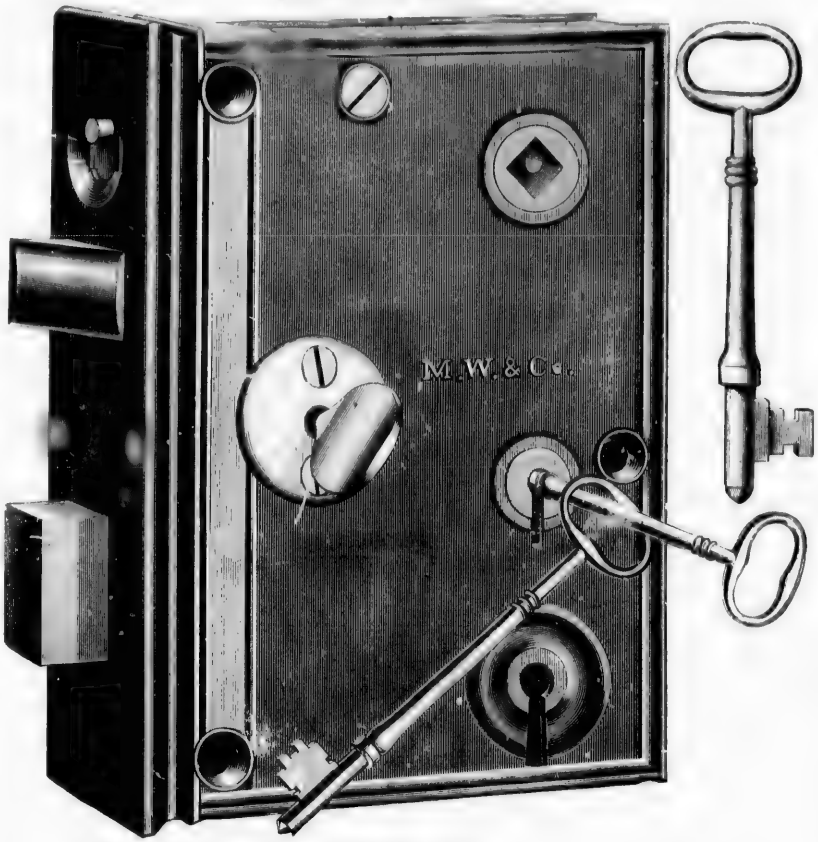
No. 21271, 5x4 inch, Brass Bolts, Brass Turn Knob, 2 Nickeled Steel Night Keys, 1 Steel Tumbler, 1 Nickeled Key for Locking Bolt, 1 Steel Tumbler, - - - - - per dozen, 26 00

Escutcheons for above Locks, No. 80 Plated and No. 2580 Bronze Metal.

Half dozen in a box.

Easy Spring Improved Builders' Upright Rim Front Door Locks.

Packed with screws.



Full Size Cut of Nos. 21053 and 21056.

Reversible for Right or Left Hand Doors, by simply pulling Latch Bolt forward and turning half around.

WITH THIN BIT KEY STRAIGHT SPINDLE. 5-16 INCH HUB.

Easy Spring in closing, Key on and on Night Key, Heavy on Knob.

No. 21053, 6x4¼ inch, Heavy Iron Bolts, Brass Turn Knob and Plate, Brass Key, 1 Rack Tumbler on both Bolts, 2 Brass Night Keys, 24 Changes, per dozen, $26 00

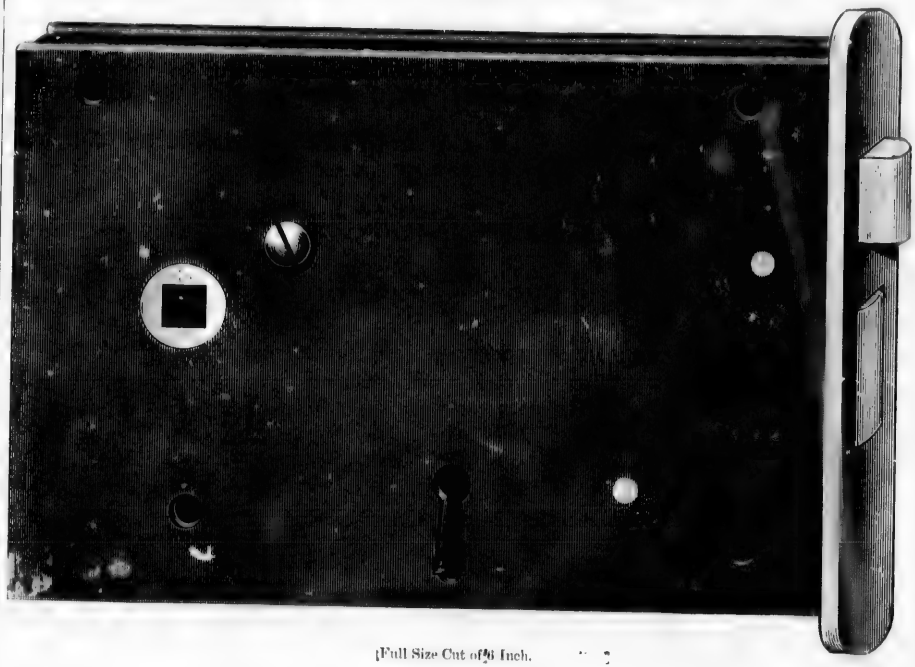
No. 21056, 6x4¼ inch, Heavy Brass Bolts, Brass Turn Knob and Plate, Brass Key, 1 Rack Tumbler on both Bolts, 2 Brass Night Keys, 24 Changes, per dozen, 30 00

Plated Escutcheon for above Locks is No. 338½.

One-twelfth of a dozen in a box.

Wrought Iron Horizontal Rim Knob Locks.

For Right or Left Hand Doors.

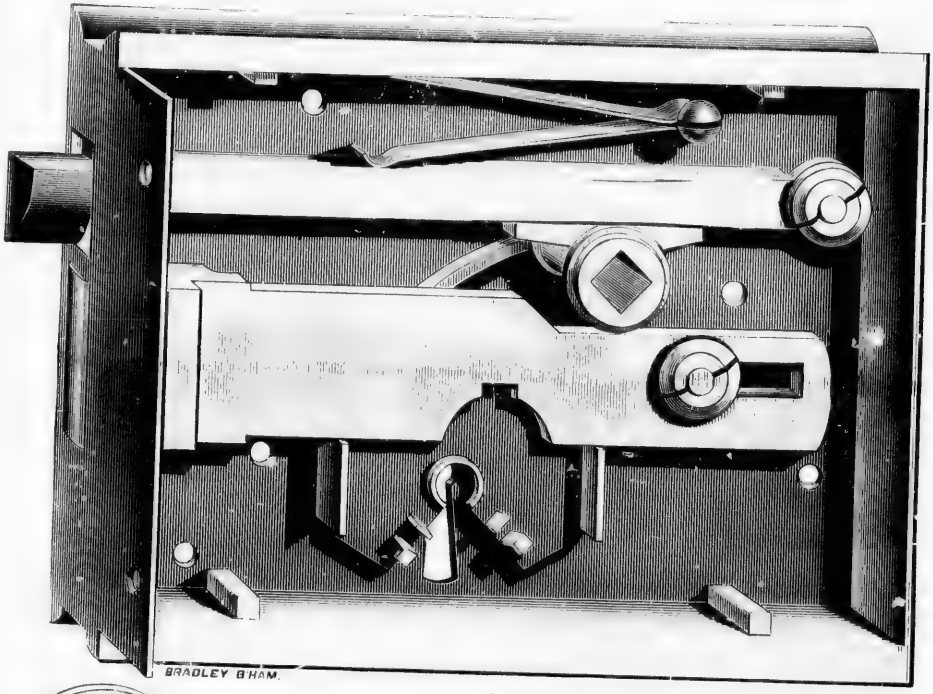


[Full Size Cut of 6 Inch.

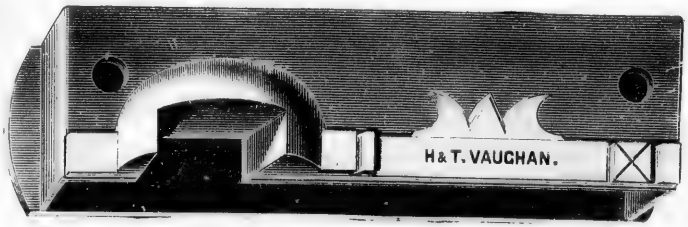
No. J 14, 4x4 inch, 2 Iron Bolts, Wrought Iron Key,	per dozen,	$8 25
No. J 14, 5x4 inch, 2 Iron Bolts, Wrought Iron Key,	"	9 00
No. J 14, 6x4 inch, 2 Iron Bolts, Wrought Iron Key,	"	9 00

Half dozen in a package.

Wrought Iron Horizontal Rim Knob Locks.



Interior View.



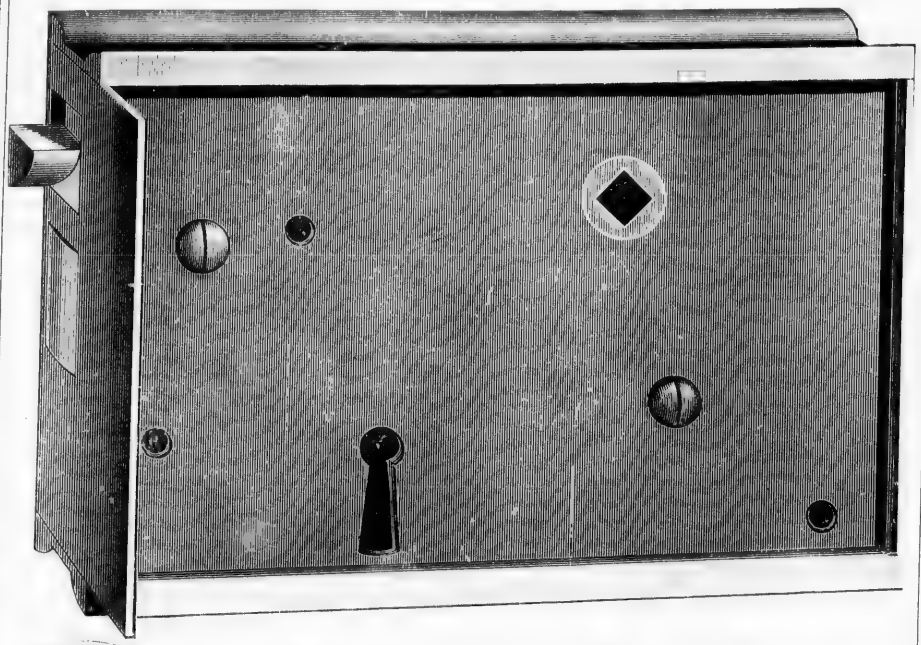
Full Size Cut of 6 Inch.

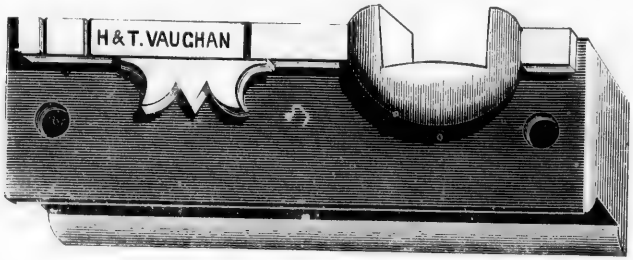
No. 60. 5x4½ in., 2 Iron Bolts, Wrought Iron Key,	per doz.,	$9 75
No. 60. 6x4¾ in., 2 Iron Bolts, Wrought Iron Key,	"	9 75
No. 60. 7x5¼ in., 2 Iron Bolts, Wrought Iron Key,	"	13 50

In ordering please state if for right or left hand doors.

Half dozen in a package.

Wrought Iron Horizontal Rim Knob Locks.





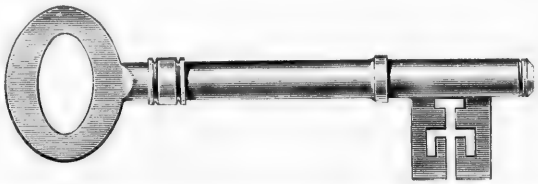
Full Size Cut of 6 Inch.

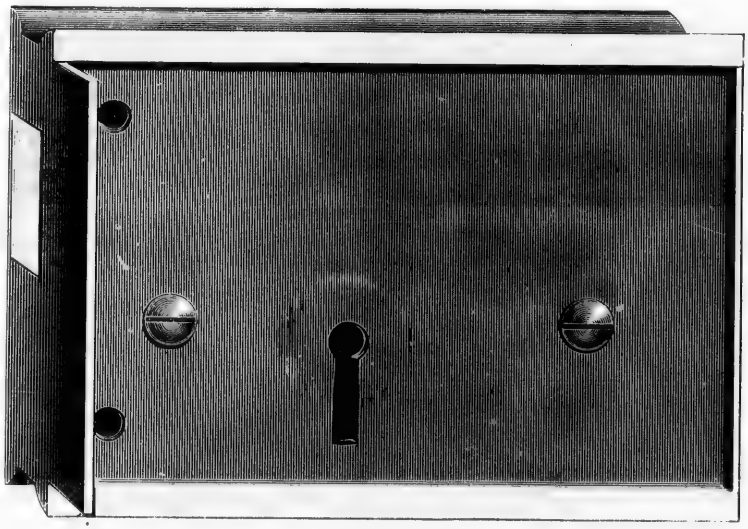
No. 60*a*, 5x4 in., 2 Iron Bolts, Wrought Iron Key,	per doz.,	$6	75
No. 60*a*, 6x4¼ in., 2 Iron Bolts, Wrought Iron Key,	"	6	75
No. 60*a*, 7x4½ in., 2 Iron Bolts, Wrought Iron Key,	"	9	00

In ordering please state if for right or left hand doors.

Half dozen in a package.

Wrought Iron Horizontal Rim Dead Locks.





Full Size Cut of 5 Inch.

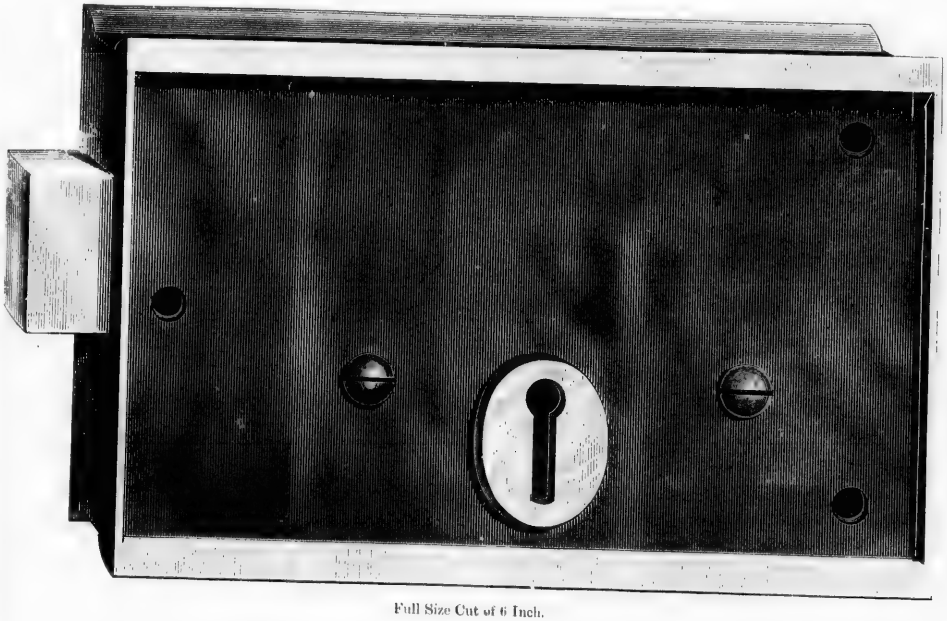
No. 50, 5x3½ inch, Iron Bolt, Wrought Iron Key, - -	per dozen,	84 75
No. 50, 6x4 inch, Iron Bolt, Wrought Iron Key, - - -	"	5 40

In ordering please state if for right or left hand doors

Half dozen in a package.

Wrought Iron Horizontal Rim Dead Locks.

For Right or Left Hand Doors

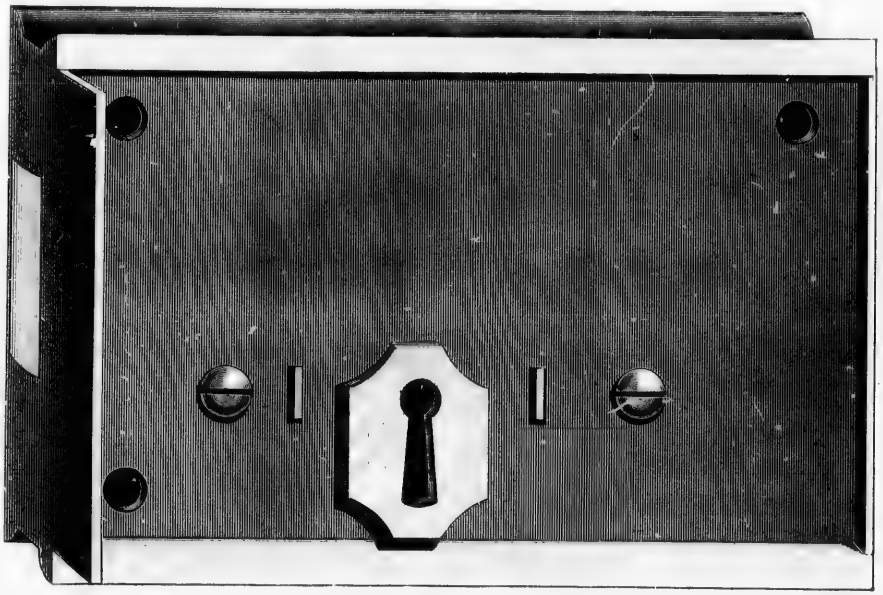


Full Size Cut of 6 Inch.

No. 252, 4x3½ in., Iron Bolt, shoots right and left, Wrought Iron Key, per dozen,		$7 05
No. 252, 5x3½ in., Iron Bolt, shoots right and left, Wrought Iron Key,	"	7 05
No. 252, 6x4 in., Iron Bolt, shoots right and left, Wrought Iron Key,	"	7 90

Half dozen in a package.

Wrought Iron Horizontal Rim Dead Locks.



Full Size Cut of 6 Inch.

No. 940, 6x4 inch, Iron Bolt, Wrought Iron Key, - -	per dozen,	$8 00
No. 940, 8x5 inch, Iron Bolt, Wrought Iron Key, - - -	"	15 75

In ordering please state if for right or left hand doors.

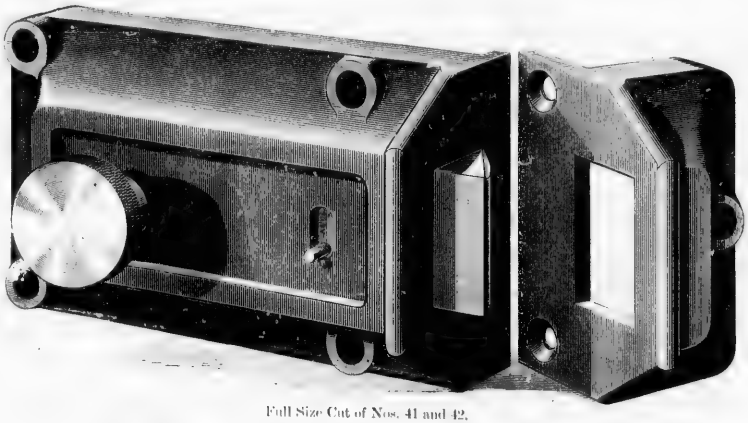
Half dozen in a package.

Yale Horizontal Rim Night Latches.

For Right or Left Hand Doors.

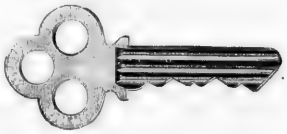
FIVE TUMBLERS.

PACKED WITH SCREWS AND NEW CORRUGATED KEYS.



Full Size Cut of Nos. 41 and 42.

For Nos. 41 and 42.



No. 41, $3\frac{5}{8}$x$2\frac{3}{8}$ inch, Bronze Metal Bolt, Plated Escutcheon, with 3 Nickeled Steel Keys, - - - - - each, $2 50

No. 42, $3\frac{5}{8}$x$2\frac{3}{8}$ inch, Bronze Metal Bolt, Plain Bronze Metal Escutcheon, with 3 Nickeled Steel Keys, - - - - each, 2 25

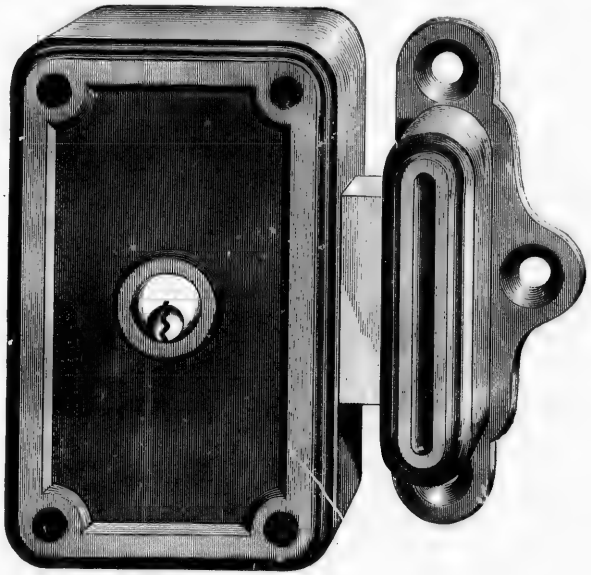
One in a box.

Yale Upright Store Door Rim Dead Locks.

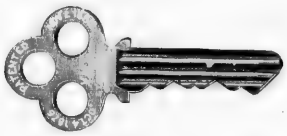
For Right or Left Hand Doors, $\frac{3}{4}$ to 3 Inches thick, operated by the key from either side of the door.

FIVE TUMBLERS.

PACKED WITH SCREWS, AND NEW CORRUGATED KEYS.



Full Size Cut of Nos. 10 and 12.



For Nos. 10 and 12 Locks.

No. 10, 4x2$\frac{1}{4}$ inch, Bronze Metal Bolt, Plated Escutcheon, with 3 Nickeled Keys, - - - - - - each, $4 50

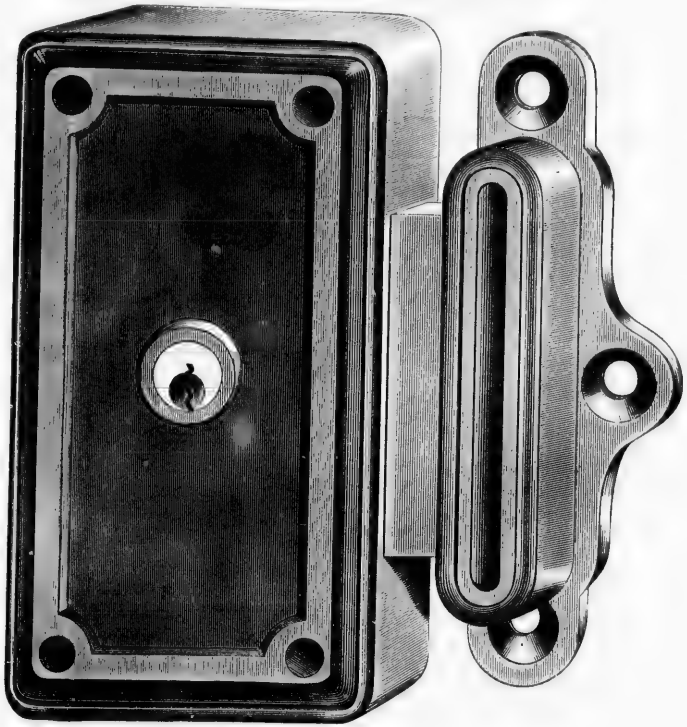
No. 12, 4x2$\frac{1}{4}$ inch, Bronze Metal Bolt, Plain Bronze Metal Escutcheon, with 3 Nickeled Keys, - - - - - each, 4 25

One in a box.

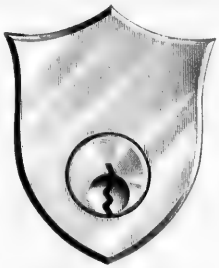
Yale Upright Store Door Rim Dead Locks.

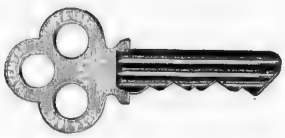
For Right or Left Hand Doors, 1¼ to 4 Inches thick, operated by the Key from either side of the Door.

PACKED WITH SCREWS AND NEW CORRUGATED KEYS.



Full Size Cut of Nos. 2 and 4.





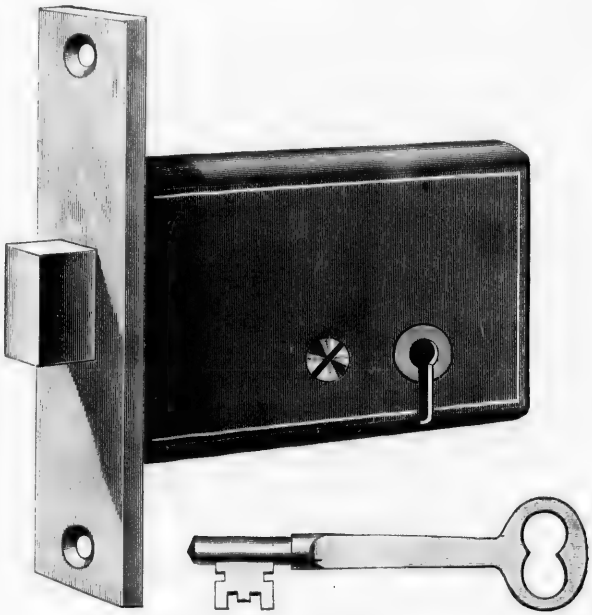
For Nos. 2 and 4 Locks.

No. 2, 5x3 in., Bronze Metal Bolt, Plated Escutcheon, with 4 Nkld. Keys, each, $6 00
No. 4, 5x3 in., Bronze Metal Bolt, Bronze Metal Escutcheon, with 4 Nickeled Keys, - - - - - - each, 5 50

One in a box.

Mortise Dead Locks.

For Right or Left Hand Doors.



Full Size Cut of Nos. 150 and 154.

No. 150, $3\frac{1}{2}$x$2\frac{1}{2}$ inch, Iron Front and Strike, Iron Bolt, Nickeled Steel Key, 1 Tumbler, - - - - - per dozen, $4 00

No. 154, $3\frac{1}{2}$x$2\frac{1}{2}$ inch, Brass Front, Strike and Bolt, Nickeled Steel Key, 1 Tumbler, - - - - - per dozen, 5 00

Keys are Class 37.

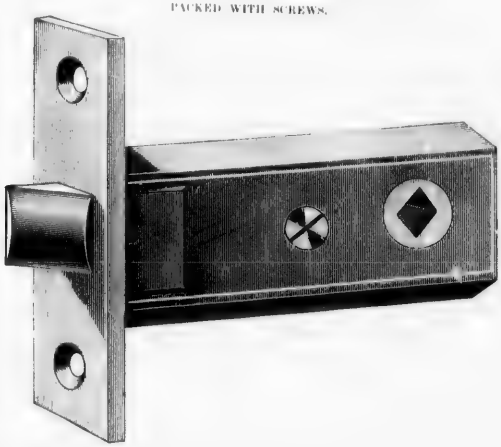
Half dozen in a box.

Key,
ozen, $4 00
Key,
ozen, 5 00

Mortise Knob Latches.

For Right or Left Hand Doors.

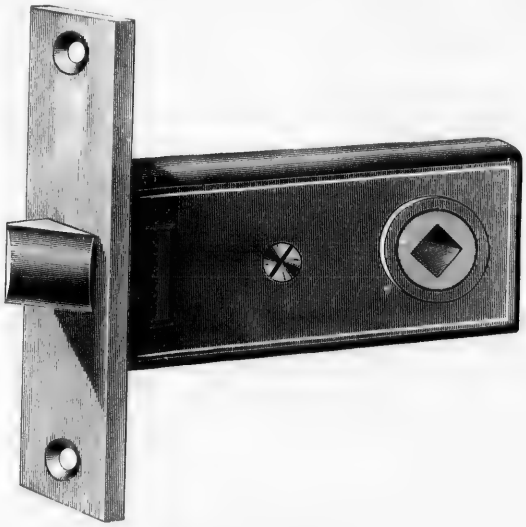
PACKED WITH SCREWS.



Full Size Cut of No. 10.

Round Edge.

No. 10, 3x1¼ inch, Lacquered Iron Front and Strike, Iron Bolt, - per dozen, $1 20



Full Size Cut of Nos. 11 and 14.

Round Edge.

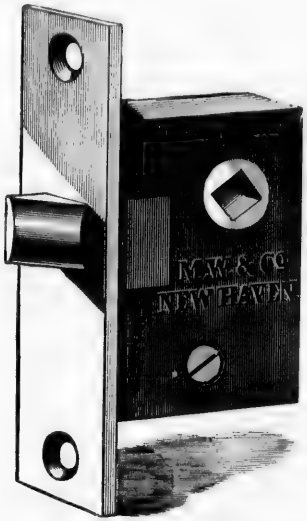
No. 11, 3½x1½ inch, Brass Front, Bolt and Strike, - - per dozen, $4 00
No. 14, 3½x1½ inch, Lacquered Iron Front and Strike, Brass Bolt, " 3 00

One dozen in a box.

Mortise Knob Latches.

For French Windows.

PACKED WITH SCREWS.



Full Size Cut of Nos. 1127 and 1129½.

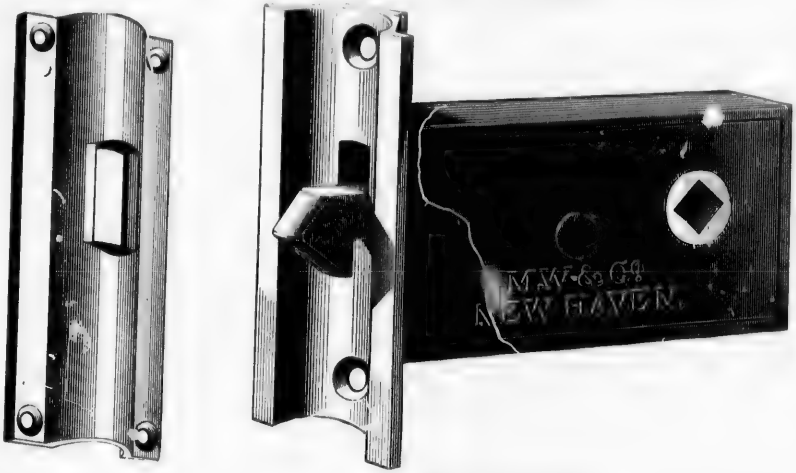
Full Size Cut of Nos. 1128 and 1128½.

No. 1127,	2¼x1½ inch, Brass Front, Bolt and Strike,	- -	per dozen,	$8 40
No. 1129½,	2¼x1½ inch, Lacquered Front, Brass Bolt and Strike,		"	7 35
No. 1128,	2½x2 inch, Brass Front, Bolt and Strike,	-	"	13 65
No. 1128½,	2½x2 inch, Lacquered Front, Brass Bolt and Strike,	-	"	9 45

Half dozen in a box.

Sliding Door Mortise Knob Latches.

Astragal Front. Packed with Screws.

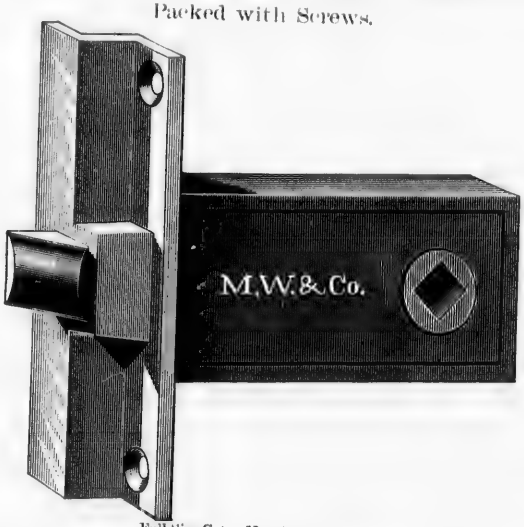


Full Size Cut of No. 196.

No. 196, $3\frac{1}{2}$x$1\frac{3}{4}$ inch, Brass Front, Bolt and Strike, - - per dozen, $10 50

Rabbeted Mortise Knob Latches.

Packed with Screws.



Full Size Cut of Nos. 173 and 177.

No. 173, 4x$1\frac{1}{2}$ inch, Lacquered Front, Iron Bolt, Brass Strike, - per dozen, $8 40
No 177, 4x$1\frac{1}{2}$ inch, Lacquered Front, Brass Bolt, Brass Strike, - " 9 45

Half dozen in a box.

Reversible Mortise Knob Locks.

Packed with Screws.

Full Size Cut of No. 1205.

Easy Spring Lever Action.

Reverse by removing cap.

No. 1205, $3\frac{1}{2}$x$3\frac{1}{4}$ inch, Lacquered Iron Front and Strike, Iron Bolts, Bronzed, Iron Key, - - - - - per dozen, $2 50

No. 1210, $3\frac{1}{2}$x$3\frac{1}{4}$ inch, Lacquered Iron Front and Strike, Iron Bolts, Tinned, Steel Key, - - - - - per dozen, 3 00

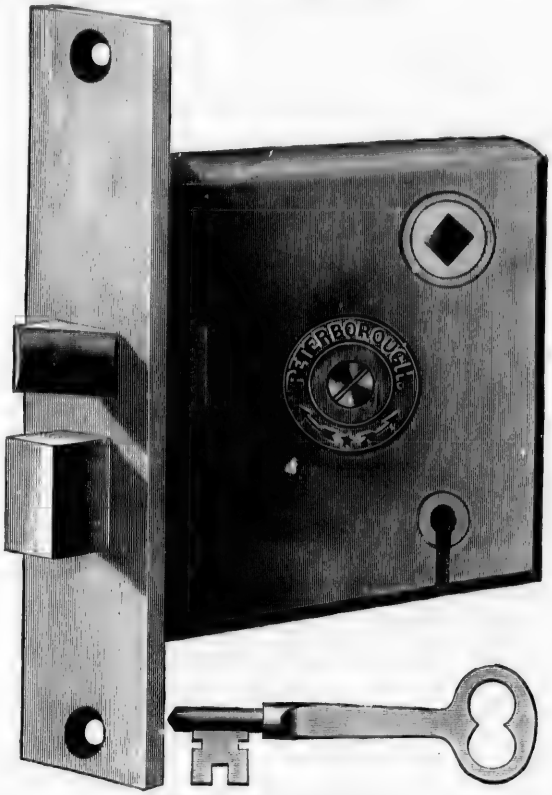
These locks are put up in sets, numbered 1 to 6 and 7 to 12. Keys all different.

Keys for No. 1205 are Class 35.
Keys for No. 1210 are Class 36.

Half dozen in a box.

Reversible Mortise Knob Locks.

Packed with Screws.



Full Size Cut of Nos. 1217 and 1219.

Easy Spring Lever Action.

To reverse, draw the slide at top of lock, remove latch, turn it over, and replace, pushing slide to place.

No. 1217, $3\frac{1}{2}$x$3\frac{1}{4}$ inch, Lacquered Iron Front and Strike, Brass Bolts, Nickeled Steel Key, - - - - - per dozen, $5 50

No. 1219, $3\frac{1}{2}$x$3\frac{1}{4}$ inch, Brass Front and Strike, Brass Bolts, Nickeled Steel Key, per dozen, 7 50

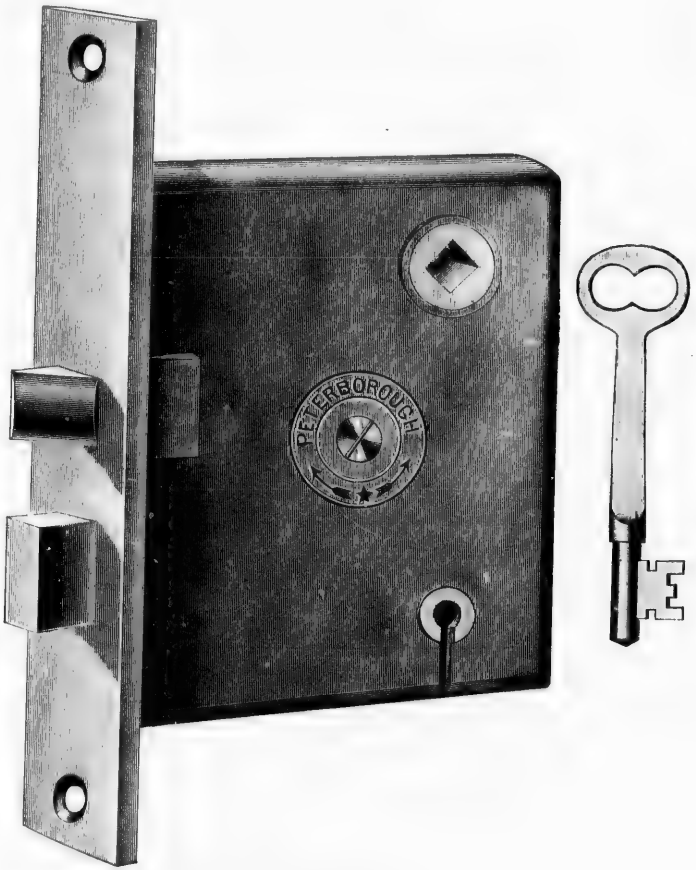
These locks are put up in sets, numbered 1 to 6 and 7 to 12. Keys all different.

Keys for Nos. 1217 and 1219 are Class 37.

Half dozen in a box.

Reversible Mortise Knob Locks.

Packed with Screws.



Full Size Cut of Nos. 1225 and 1227.

Easy Spring Lever Action.

To reverse, draw the slide at top of lock, remove the latch, turn it over, and replace, pushing slide to place.

No. 1225, 4x3½ inch, Lacquered Iron Front and Strike, Brass Bolts, Nickeled Steel Key, - - - - - per dozen, $6 25

No. 1227, 4x3½ in., Brass Front Strike and Bolts, Nickeled Steel Key, " 8 00

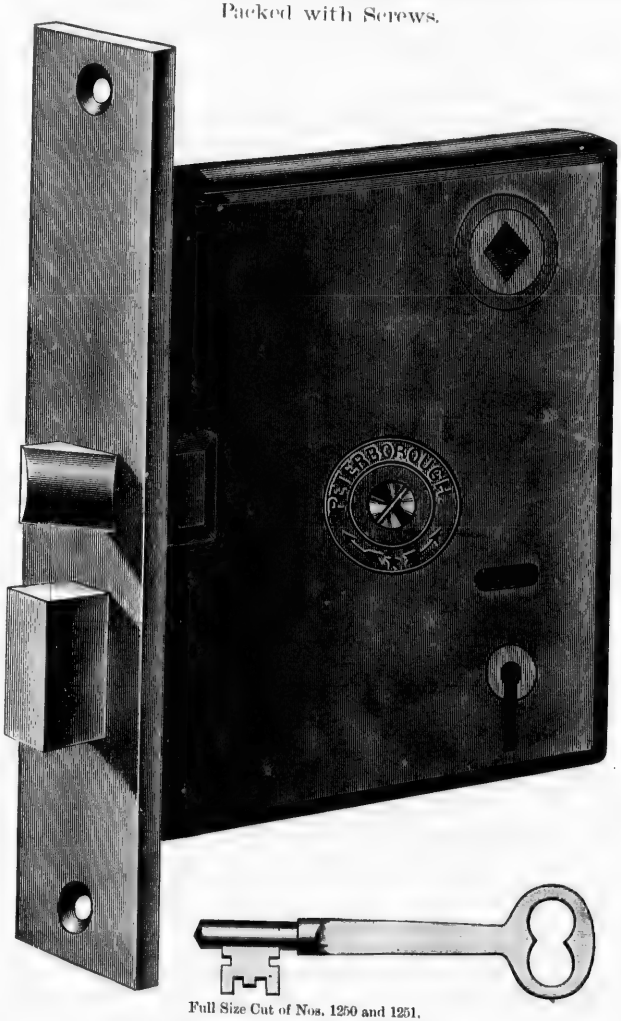
These locks are put up in sets, numbered 1 to 6 and 7 to 12. Keys all different.

Keys for Nos. 1225 and 1227 are Class 37.

Half dozen in a box.

Heavy Reversible Mortise Knob Locks.

Packed with Screws.



Full Size Cut of Nos. 1250 and 1251.

Easy Spring Lever Action.

Reverse by removing cap.

No. 1250, 5x4 inch, Brass Front and Strike, Iron Bolts, 1 Steel Tumbler, Nickeled Steel Key, - - - - per dozen, $19 00

No. 1251, 5x4 inch, Brass Front Strike and Bolts, 1 Steel Tumbler, Nickeled Steel Key, - - - - - per dozen, 20 00

Keys are Class 38.

Quarter dozen in a box.

Rabbeted Mortise Knob Locks.

Packed with Screws.

Full Size Cut of Nos. 1259, 1260 and 1262.

Steel Tumblers.

No. 1259, $4\frac{1}{2}$x$3\frac{1}{2}$ inch, Lacquered Iron Front and Strike, Iron Bolts, Tinned Malleable Iron Key, 1 Steel Tumbler, - - - per dozen, $18 00

No. 1260, Lacquered Iron Front and Strike, Brass Bolts, Nickeled Steel Key, 1 Steel Tumbler, - - - - - per dozen, 20 00

No. 1262, $4\frac{1}{2}$x$3\frac{1}{2}$ inch, Brass Front Strike and Bolts, Nickeled Steel Key, 2 Steel Tumblers, - - - - - per dozen, 26 50

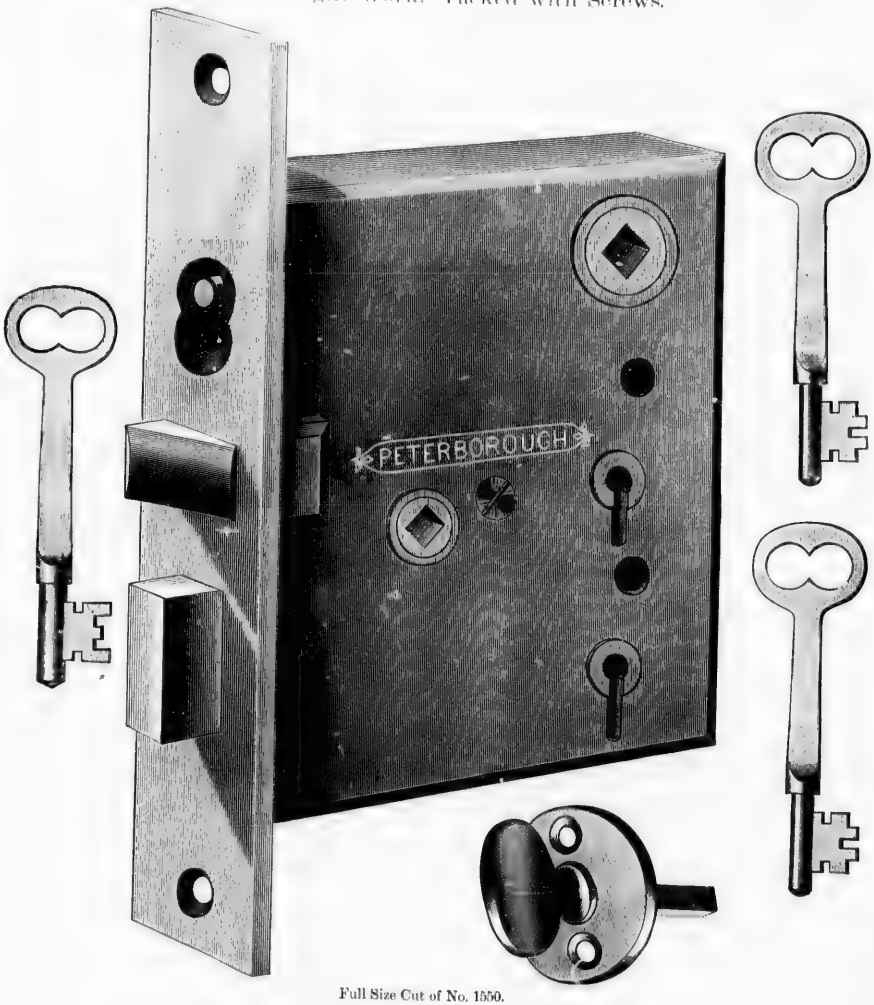
Keys for No. 1259 are Class 36.
Keys for Nos. 1260 and 1262 are Class 37.

In ordering please state if for right or left hand doors.

Quarter dozen in a box.

Reversible Front Door Mortise Knob Lock.

With Night Work. Packed with Screws.



Full Size Cut of No. 1550.

Reversible Latch Bolt. Steel Tumblers.

REVERSE BY REMOVING CAP.

Distance from Face to centre of Hub, 3 inches.

No. 1550, $4\frac{3}{4}$x$3\frac{5}{8}$ inch, Brass Bolts, Front and Strike, Plated Turn Knob and Plate, 2 Nickeled Night Keys, 1 Steel Tumbler, 1 Nickeled Key for Locking Bolt, 1 Steel Tumbler, - - - per dozen, $30 00

Can furnish Vestibule Latches to match above locks.

One-twelfth dozen in a box.

Rabbeted Front Door Mortise Knob Lock.

With Night Work. Packed with Screws.

Full Size Cut of No. 1553.

No. 1553, $4\frac{3}{4}$x$3\frac{5}{8}$ inch, Brass Front, Strike and Bolts, Plated Turn Knob and Plate, 2 Nickeled Steel Night Keys, 1 Steel Tumbler, 1 Key for Locking Bolt, 1 Steel Tumbler, - - - - per dozen, $57 50

Keys for locking bolt are Class 38.
Night keys are Class 41.

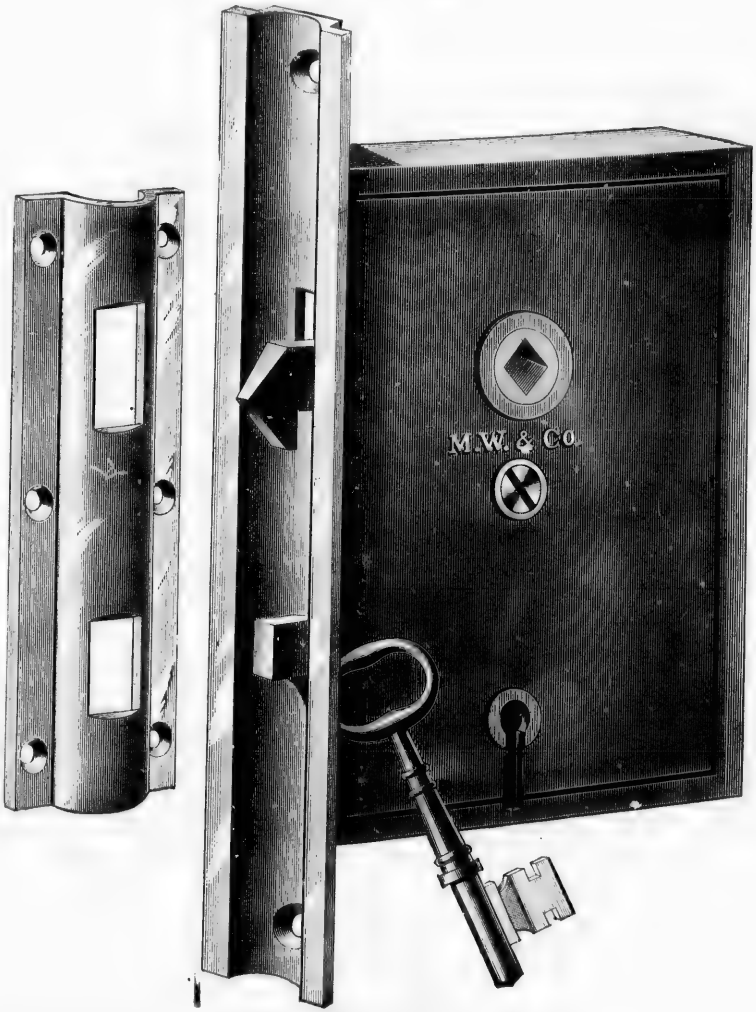
In ordering please state if for right or left hand doors. Can furnish Vestibule Latches to match above locks.

One-twelfth dozen in a box.

Sliding Door Mortise Knob Lock.

Astragal Front.

PACKED WITH SCREWS.



Full Size Cut of No. 192.

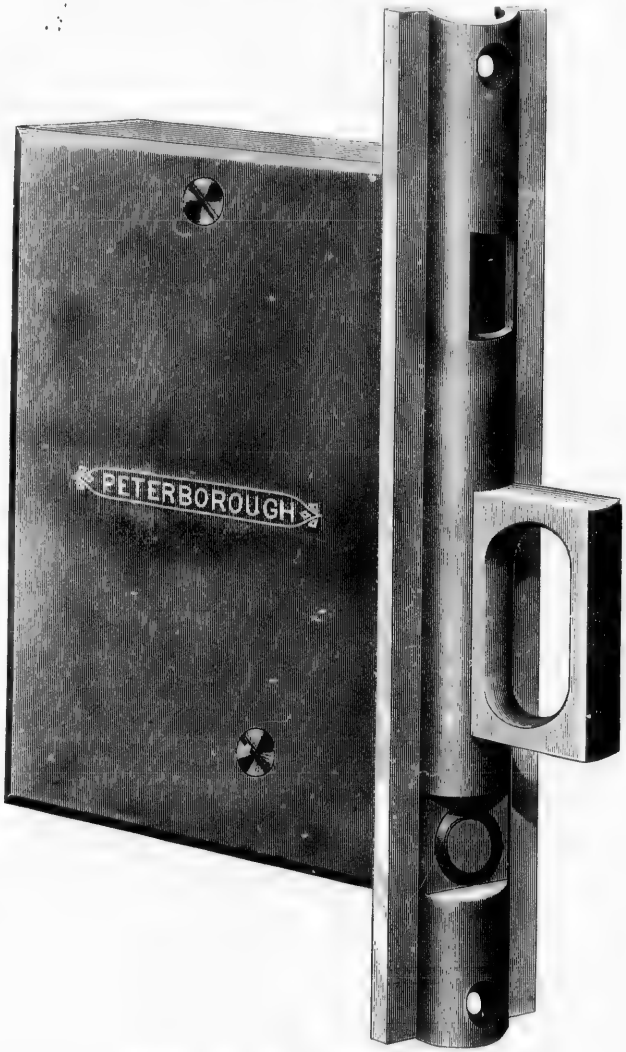
No. 192, 5x3½ inch, Heavy Brass Front, Bolts and Strike, Thin Bit, Brass Key, per dozen, $21 00

Quarter dozen in a box.

Flush Sliding Door Mortise Lock Box.

For Double Doors. Astragal Fronts.

WITH ELONGATED BRASS FLUSH ESCUTCHEONS.



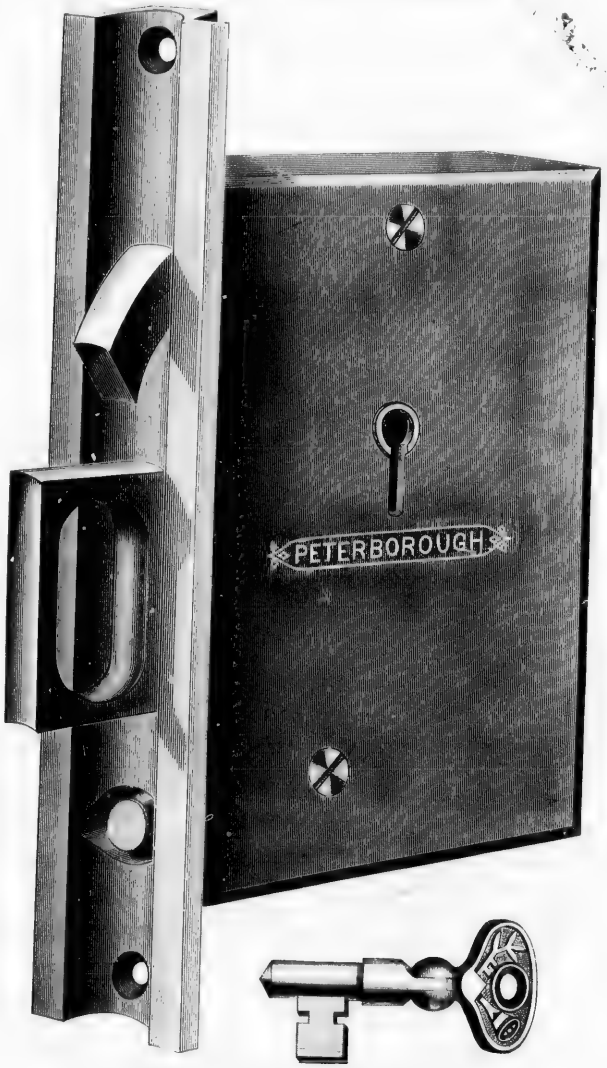
Box Striker with Push Pull for Sets Nos. 1170 and 1172.

Described on Page 209.

Flush Sliding Door Mortise Locks.

For Double Doors. Astragal Front.

WITH ELONGATED BRASS FLUSH ESCUTCHEONS.



Lock with Push Pull for Sets Nos. 1170 and 1172.

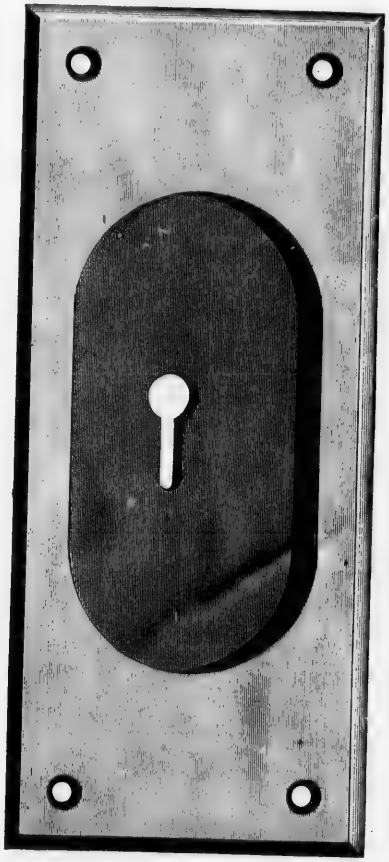
Described on Page 209.

Escutcheons for Flush Sliding Door Mortise Locks.

4x2¼ Inch.

Escutcheon No. 1150.

6x2½ Inch.



Escutcheon No. 1152.

Described on Page 209.

se Locks.

Astragal Front Sliding Door Mortise Locks.

WITH FLUSH PUSH PULL.

BRASS FRONTS.

For Double Doors Sliding in Flush with the Jamb.

PACKED IN SETS COMPLETE WITH FLUSH CUP ESCUTCHEONS AND FOLDING KEYS.

For Cuts of Locks see Pages 206 and 207.
For Cuts of Escutcheons see Page 208.

No. 1170, $5\frac{1}{2}$x$3\frac{1}{2}$ inch, Astragal Brass Fronts, Bolt and Pulls, 1 Tumbler, Nickel Plated Key, with four No. 1150 Elongated Brass Escutcheons, - per set, $6 50

No. 1172, $5\frac{1}{2}$x$3\frac{1}{2}$ inch, Astragal Brass Fronts, Bolt and Pulls, 1 Tumbler, Nickel Plated Key, with four No. 1152 Elongated Brass Escutcheons, - per set, 6 75

Keys are Class 39.

In ordering please give the exact thickness of doors. We can furnish flat fronts when required at same prices.

One set in a box, with screws.

Mortise Knob Locks.

For French Windows.

PACKED WITH SCREWS.

Full Size Cut of Nos. 1115 and 1125.

Full Size Cut of Nos. 1117 and 1126.

No. 1115, $3\frac{1}{4}$x$1\frac{1}{2}$ inch, Lacquered Front, Iron Bolts and Strike, Brass Key, per dozen, $9 75

No. 1125, $3\frac{1}{4}$x$1\frac{1}{2}$ inch, Brass Front, Brass Bolts and Strike, Brass Key, per dozen, 12 00

No. 1117, $3\frac{3}{4}$x2 inch, Lacquered Rabbeted Front, Iron Bolts and Strike, Brass Key, - - - - - per dozen, 18 00

No. 1126, $3\frac{3}{4}$x2 inch, Brass, Rabbeted Front, Brass Bolts and Strike, Brass Key, - - - - - - per dozen, 30 00

In ordering any of the above locks, please state if for right or left hand windows.

Half dozen in a package.

Reversible Mortise Knob Latches.

Packed with Screws.

Full Size Cut of Nos. 12001 to 14002.

ORNAMENTAL REAL BRONZE AND ENGLISH BRONZED FRONTS

Round Edge.

No. 12001, $3\frac{1}{4}$x$1\frac{1}{2}$ inch, Ornamental Real Bronze Front and Strike, Bronze Bolt, per dozen, $4 50

No. 14001, $3\frac{1}{4}$x$1\frac{1}{2}$ inch, Ornamental English Bronzed Front and Strike, Iron Bolt, per dozen, 3 50

No. 14002, $3\frac{1}{4}$x$1\frac{1}{2}$ inch, Ornamental English Bronzed Front and Strike, Brass Bolt, - - - - - - - - per dozen, 4 50

English Bronzed is an imitation of Imperial Bronze Metal.

In ordering No. 12001 please state if Light or Imperial Bronze is wanted.

Half dozen in a box.

Reversible Mortise Knob Locks.

Packed with Screws.

Full Size Cut of Nos. 12219, 14218 and 14219

Easy Spring Lever Action.

To reverse, draw slide at top of lock, remove latch, turn over and replace, pushing slide to place.

No. 12219, $3\frac{1}{2}$x$3\frac{1}{4}$ inch, Ornamental Real Bronze Front and Strike, Bronze Bolts, Nickeled Steel Key, 1 Steel Tumbler, - - - per dozen, $14 00

No. 14218, $3\frac{1}{2}$x$3\frac{1}{4}$ inch, English Bronzed Front and Strike, Iron Bolts, Nickeled Steel Key, - - - per dozen, 9 50

No. 14219, $3\frac{1}{2}$x$3\frac{1}{4}$ inch, English Bronzed Front and Strike, Brass Bolts, Nickeled Steel Key, - - - - - per dozen, 12 50

English Bronzed is an imitation of Imperial Bronze Met[illegible]

In ordering 12219 please [illegible] Eagle or Imperial Bronze is wanted

H[illegible] a box.

Rabbeted Mortise Knob Locks.

Packed with Screws.

Full Size Cut of No. 12260.

Steel Tumblers.

No. 12260, $4\frac{1}{2}$x$3\frac{1}{2}$ inch, Ornamental Real Bronze Metal Front and Strike, Bronze Metal Bolts, Nickeled Key, - - - per dozen, $31 50

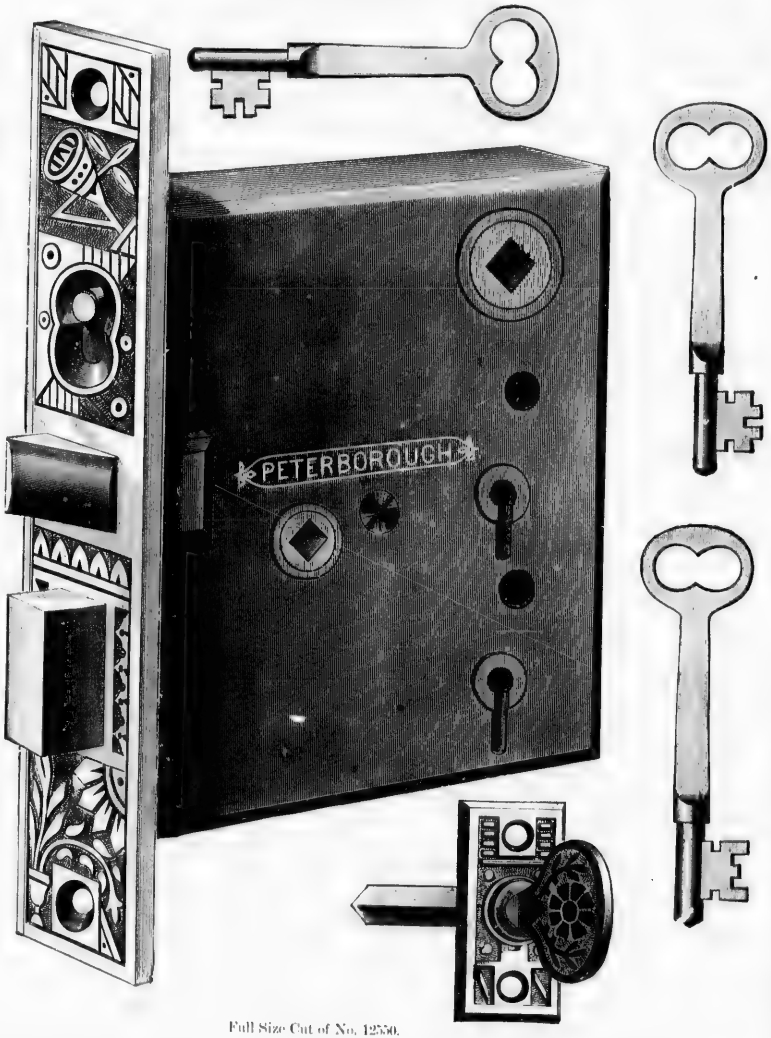
Keys are Class 37.

In ordering please state if Light or Imperial Bronze is wanted, also if for right or left hand doors.

Quarter dozen in a box.

Reversible Front Door Mortise Lock.

With Night Work.



Full Size Cut of No. 12550.

No. 12550, $4\frac{3}{4}$x$3\frac{5}{8}$ inch, Ornamental Bronze Front and Strike, Bronze Bolts, Bronze Turn Knob and Plate, 2 Nickeled Night Keys, 1 Steel Tumbler, 1 Nickeled Key for Locking Bolt, 1 Steel Tumbler, - per dozen, $31 50

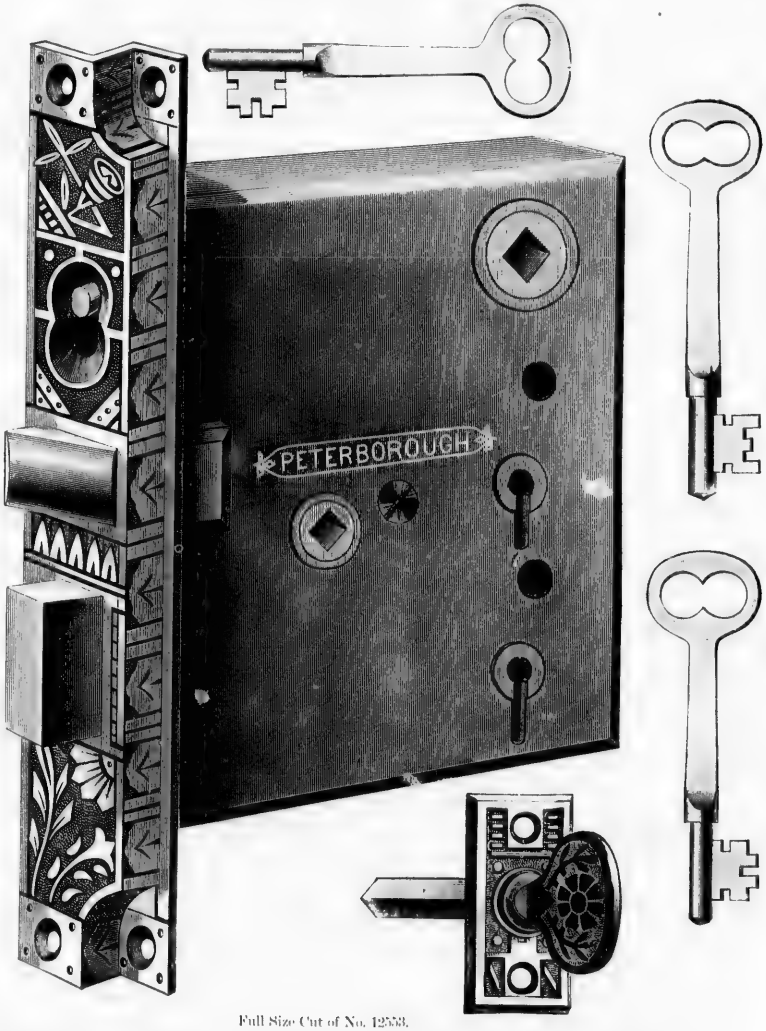
In ordering please state if Light or Imperial Bronze is wanted.

Can furnish Vestibule Latches when required.

Twelfth dozen in a box, with screws.

Rabbeted Front Door Mortise Knob Lock.

With Night Work.



Full Size Cut of No. 12553.

No. 12553, $4\frac{3}{4}$x$3\frac{3}{8}$ inch, Ornamental Bronze Rabbeted Front and Strike, Bronze Bolts, Bronze Turn Knob and Plate, 2 Nickeled Night Keys, 1 Steel Tumbler, 1 Nickeled Key for Locking Bolt, 1 Steel Tumbler, per dozen, $54 00

In ordering please state if Light or Imperial Bronze is wanted, also if for right or left hand doors.

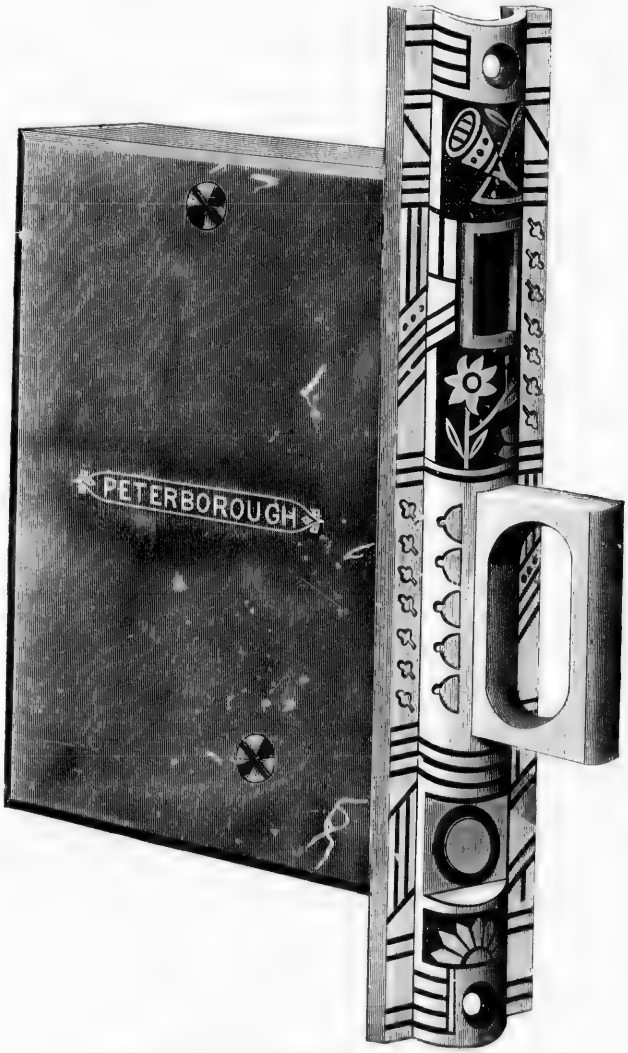
Can furnish Vestibule Latches when required.

Twelfth dozen in a box, with screws.

Flush Sliding Door Mortise Lock Box.

For Double Doors.

ASTRAGAL FRONT, WITH ELONGATED FLUSH ESCUTCHEON.



Box Striker with Push Pull for Sliding Door, Sets Nos. 12170 and 12172.

Described on Page 219.

Flush Sliding Door Mortise Locks.

For Double Doors.

ASTRAGAL FRONT, WITH ELONGATED FLUSH ESCUTCHEONS.

Lock with Push Pull for Sliding Door, Sets Nos. 12170 and 12172.

Described on Page 219.

Escutcheons for Flush Sliding Door Mortise Locks.

4x2¼ Inch.

Escutcheon No. 12150.

6x2½ Inch

Escutcheon No. 12152.

Described on Page 219.

Astragal Front Sliding Door Mortise Locks.

WITH FLUSH PUSH PULL.

ORNAMENTAL REAL BRONZE FRONTS.

For Double Doors Sliding in Flush with the Jamb.

PACKED IN SETS COMPLETE WITH FLUSH CUP ESCUTCHEONS AND FOLDING KEYS.

For Cuts of Locks see Pages 216 and 217.
For Cuts of Escutcheons see Page 218.

No. 12170, 5½x3½ inch, Astragal Real Bronze Fronts, Bolt and Push Pulls, Bronze Folding Key, with four No. 12150 Bronze Elongated Escutcheons, per set, $8 00

No. 12172, 5½x3½ inch, Astragal Real Bronze Fronts, Bolt and Push Pulls, Bronze Folding Key, with four No. 12152 Bronze Elongated Escutcheons, per set, 8 50

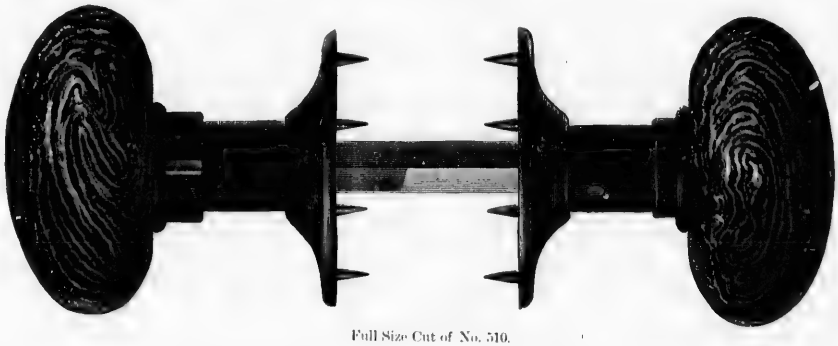
In ordering please state if Light or Imperial Bronze is wanted. Also exact thickness of doors.

We can furnish flat fronts when required at same prices.

Keys are Class 39.

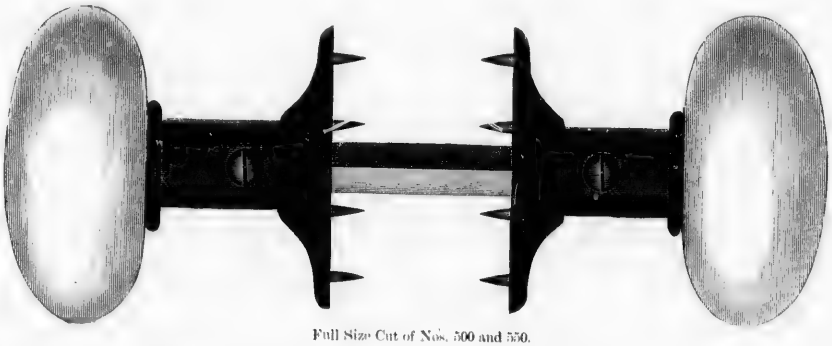
One set in a box, with screws.

Door Knobs.



Full Size Cut of No. 510.

No. 510, $2\frac{1}{4}$ inch, Mortise Mineral Knobs, Japanned Mountings, -	per dozen,	$1 40
No. 510, $2\frac{1}{4}$ inch, Rim Mineral Knobs, Japanned Mountings, -	"	1 40



Full Size Cut of Nos. 500 and 550.

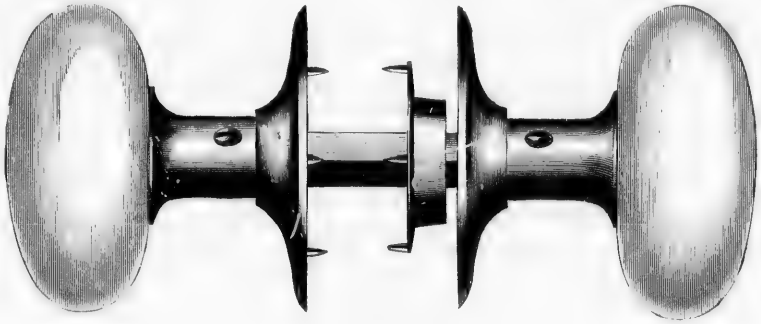
No. 500, $2\frac{1}{4}$ inch, Mortise Porcelain Knobs, Japanned Mountings,	per dozen,	$1 30
No. 550, $2\frac{1}{4}$ inch, Mortise Porcelain Knobs, Japanned Mountings,	"	1 55
No. 500, $2\frac{1}{4}$ inch, Rim Porcelain Knobs, Japanned Mountings,	"	1 30
No. 550, $2\frac{1}{4}$ inch, Rim Porcelain Knobs, Japannned Mountings,	"	1 55

Mortise Knobs extend on their spindles 1 inch, as follows: 1 to 2 inches and $1\frac{1}{4}$ to $2\frac{1}{4}$ inches. Rim Knobs extend on their spindles $\frac{3}{4}$ inch, as follows: $1\frac{1}{2}$ to $2\frac{1}{4}$ inches, $1\frac{3}{4}$ to $2\frac{1}{2}$ inches, 2 to $2\frac{3}{4}$ inches and $2\frac{1}{4}$ to 3 inches.

In ordering knobs, state length of spindle required, and if for mortise or rim locks.

Half dozen in a box.

Door Knobs.



Full Size Cut of No. 351.

No. 351, $2\frac{1}{4}$ inch, Mortise Porcelain Knobs, Plated Mountings,	-	per dozen,	$4 00
No. 351, $2\frac{1}{4}$ inch, Rim Porcelain Knobs, Plated Mountings,	-	"	4 00

Full Size Cut of Nos. 12500, 13500 and 14500.

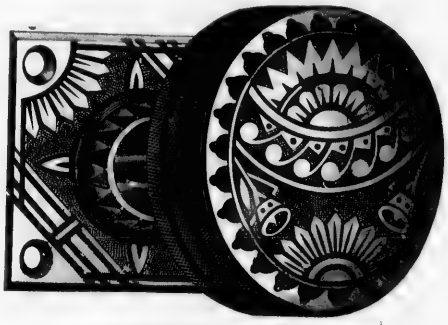
No. 12500, $2\frac{1}{4}$ inch, Bronze Metal, Round Rose,	- -	per dozen,	$14 00
No. 12501, $2\frac{1}{4}$x$2\frac{1}{2}$ inch, Bronze Metal, Round Rose,	-	"	15 00
No. 13500, $2\frac{1}{4}$ inch, Berlin Bronzed, Round Rose,	-	"	5 50
No. 14500, $2\frac{1}{4}$ inch, English Bronzed, Round Rose,	- -	"	6 50

In ordering Bronze Metal please state if Light or Imperial Bronze is wanted, also if for mortise or rim locks.

English Bronzed is an imitation of Imperial Bronze Metal.

Half dozen in a box.

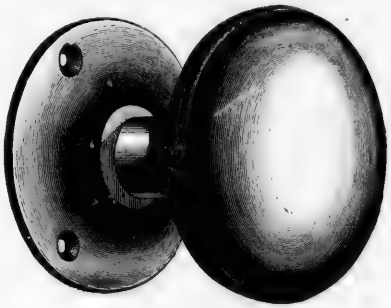
Door Knobs.



Full Size Cut of No. 12515.

No. 12515, $2\frac{1}{4}$ inch, Bronze Metal, Square Rose, - - per dozen, $19 00
No. 12516, $2\frac{1}{4}$x$2\frac{1}{2}$ inch, Bronze Metal, Square Rose, - " 21 00

In ord ring please state if Light or Imperial Bronze is wanted, also if for mortise or rim locks.



Full Size Cut of Nos. 3074 and 3075.

No. 3074, $2\frac{1}{4}$ inch, Polished Bronze Metal, Round Rose, - per dozen, $12 00
No. 3075, $2\frac{1}{4}$ inch, Nickel-Plated on Bronze Metal, Round Rose, - " 13 50

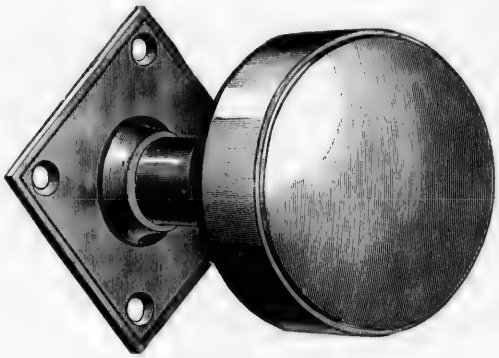
In ordering please state if for mortise or rim locks.

Half dozen in a box.

zen, $19 00
21 00

zen, $12 00
13 50

Door Knobs.



Full Size Cut of No. 12540.

No. 12540, $2\frac{1}{4}$ inch, Polished Bronze Metal, Square Rose, - per dozen, $23 50
No. 12541, $2\frac{1}{4}$x$2\frac{1}{2}$ inch, Polished Bronze Metal, Square Rose, - " 26 00

In ordering please state if for rim or mortise locks.

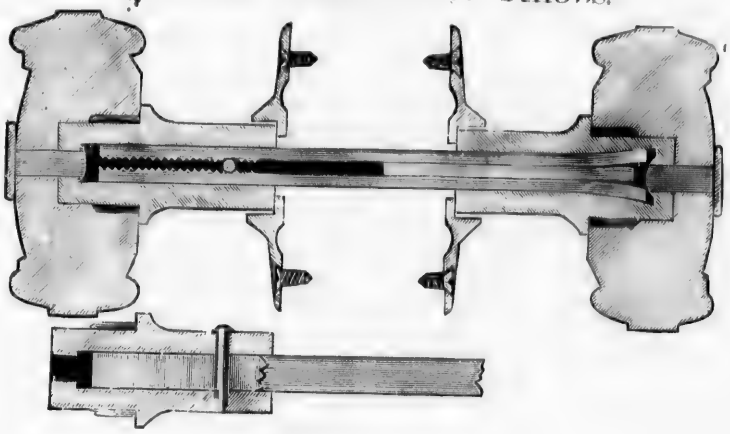
Half dozen in a box.

Knob Spindles.

$\frac{5}{16}$ inch, For Rim or Mortise Knobs, assorted, - - - per dozen, $0 75

We keep the Plain Spindle only in stock.

Climax Patent Door Knobs.



DESCRIPTION.

The Spindle is made of two thicknesses of Norway Iron. The ends that go into the stationary knob are bent well back before being inserted in the neck, so that when the key is driven in between the spindles, the bent ends are sprung into the dovetail in the neck, which ensures the spindles being held very rigid and right in their place.

The ends of the spindles that go into the free knob, have sharp teeth cut on their inner faces, and when the brass pin is driven in between the spindles the teeth cut into the pin, and the pin also acts as a key to force the sides of the spindles up tight to the sides of the neck, which acts in combination with the pin passing between the spindles to hold the knob firmly in place.

The riveting is done by means of a chisel-pointed punch, which is inserted into the neck, thus riveting the knob firmly on to the neck. Should it be required to remove a knob at any time, the brass pin can be punched out from the under side as the hole is drilled through the neck.

The brass pin driven between the spindles in the free knob springs them out and holds them firmly in the hub of the lock, thus avoiding any lost motion, as the instant the knob is turned it operates directly on the latch.

No. 210, Porcelain Knobs, Japanned Mountings (ornamental rose) Rim or Mortise,	per dozen,	$2 60
No. 235, Jet Knobs, Nickel-Plated Roses, Rim or Mortise, -	"	5 00
No. 236, Porcelain Knobs, Nickel-Plated Roses, Rim or Mortise,	"	5 00
No. 240, Jet Knobs, Genuine Nickel-Plated Mountings, Rim or Mortise,	"	6 00
No. 250, Porcelain Knobs, Genuine Nickel-Plated Mtgs., Rim or Mortise,	"	6 00
No. 260, Walnut Burl Knobs, Full Nickel-Plated Mountings, -	"	9 00
No. 265, Black Ash, Burl Knobs, Full Nickel-Plated Mountings,	"	9 00
No. 270, Selected Mahogany Knobs, Full Nickel-Plated Mountings,	"	12 00
No. 273, Selected Rose Wood Knobs, Full Nickel-Plated Mountings,	"	12 00
No. 369, 2¼ inch, Real Bronze Knobs for inside doors, new pattern, Light or Imperial Finish, - - - -	per dozen,	18 00
No. 370, 2½ inch, Real Bronze Knobs for outside doors, new pattern, Light or Imperial Finish, - - - - -	per dozen,	22 00

We have in stock Nos. 210, 236 and 250, can supply any of the other numbers on short notice.

The same knobs with Bronze Metal Mountings can be supplied at a small advance over the plated.

Nos. 210 to 273 are 2¼ Inch.

Half dozen in a box.

ent well back before
e dovetail in the neck,

brass pin is driven in
ght to the sides of the

firmly on to the neck.
hole is drilled through

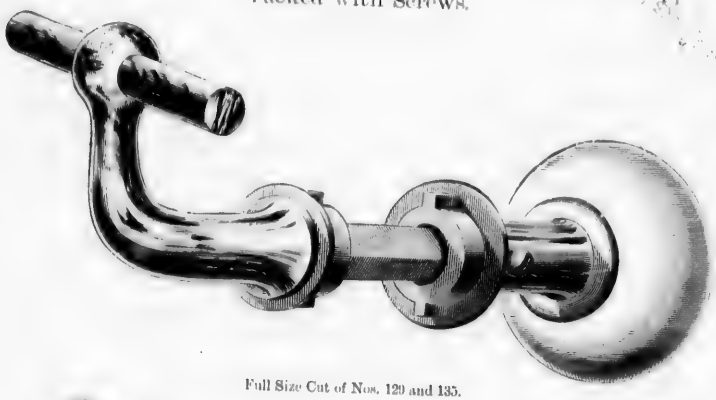
hub of the lock, thus

Mortise,	
dozen,	$2 60
"	5 00
"	5 00
"	6 00
"	6 00
"	9 00
"	9 00
"	12 00
"	12 00
ght or	
dozen,	18 00
ht or	
ozen,	22 00

co.
d.

French Window Crank and T Handle Knobs.

Packed with Screws.



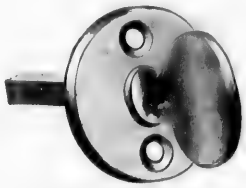
Full Size Cut of Nos. 129 and 135.

Full Size Cut of No. 130.

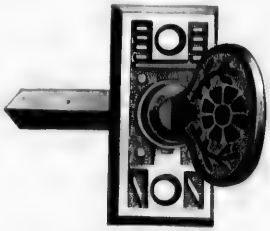
No. 129, Porcelain Knob with Plated Mountings and T,	per dozen,	$21 00
No. 135, Mineral Knob, with Japanned Mountings and T,	"	2 65
No. 130, Porcelain Knobs, with Plated Mountings,	"	12 60

Half dozen in a box.

Thumb Knobs and Plates.



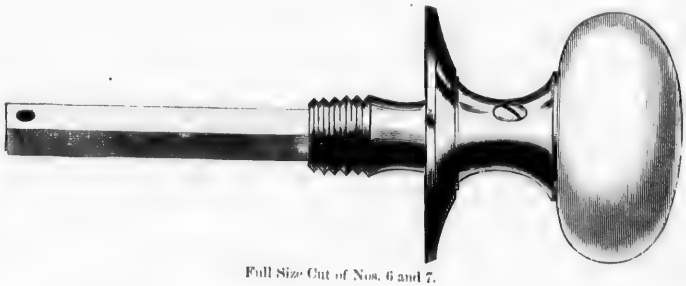
Full Size Cut of Nos. 72 and 73.



Full Size Cut of No. 2174.

No. 72,	Brass Thumb Knob and Plate,	per dozen,	$1 25
No. 73,	Nickel-Plated Thumb Knob and Plate,	"	2 50
No. 2174,	Real Bronze Thumb Knob and Plate,	"	2 50

Bell Pulls.



Full Size Cut of Nos. 6 and 7.

No. 6,	2 inch, Porcelain Knob, Japanned Mountings,	per dozen,	$2 75
No. 7,	2 inch, Porcelain Knob, Plated Mountings,	"	5 35

Half dozen in a box.

Bell Pulls.

Full Size Cut of No. 12872.

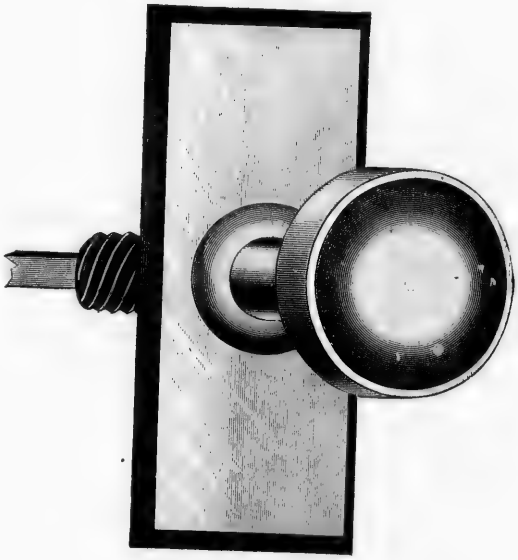
Full Size Cut of No. 12870.

No. 12872, $1\frac{3}{4}$ in., Bronze Metal, Suits Knobs Nos. 12501 and 12502, per doz., $14 00
No. 12870, $1\frac{3}{4}$ in., Bronze Metal, Suits Knobs Nos. 12515 and 12516, " 27 60

In ordering please state if Light or Imperial Bronze is wanted.

Half dozen in a box.

Bell Pulls.



Full Size Cut of Nos. 22 and 23.

No. 22, $1\frac{3}{4}$ inch, Polished Bronze Metal, - - -	per dozen,	$29 50
No. 23, $1\frac{3}{4}$ inch, Polished Bronze Metal, Nickel-Plated, -	"	44 00

Quarter dozen in a box.

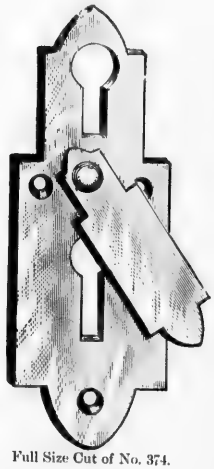
Drop Escutcheons.

Plated.

PACKED WITH SCREWS.

Full Size Cut of No. 338½.

Full Size Cut of No. 330.



Full Size Cut of No. 374.

Full Size Cut of No. 332.

No. 330, Plated, for inside doors, - - - per single dozen, $4 50
No. 332, Plated, for outside doors, - " " 4 50
No. 338½, Plated, for 5½ inch Mortise and 6 inch Rim Locks, with Night Keys, for front doors, - - - - - per single dozen, 5 25
No. 374, Plated, for 4¾ inch Mortise and Rim Locks, with Night Keys, for front doors, - - - - - - - per single dozen, 5 25

When ordering No. 338½ and 374, please give number of lock you wish to suit.

One dozen in a box.

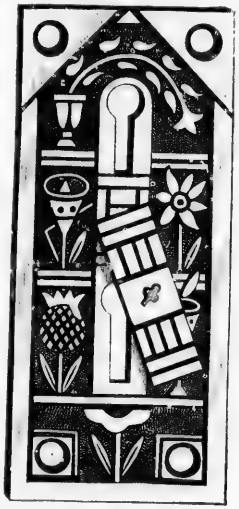
Rose and Escutcheon Combined.

Full Size Cut of No. 2575.

No. 2575, Imperial Bronze Metal Rose and Escutcheon Combined, per dozen, $16 00

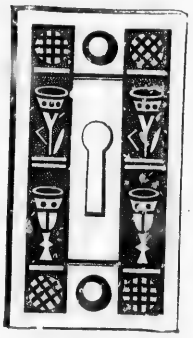
No 2575 will match any of the Imperial Finish Knobs illustrated in this catalogue.

Escutcheons.



Nos. 4580 and 2580.

Nos. 4581 and 2581.



Nos. 4582 and 2582.

Nos. 4583 and 2583.

FULL SIZE CUTS.

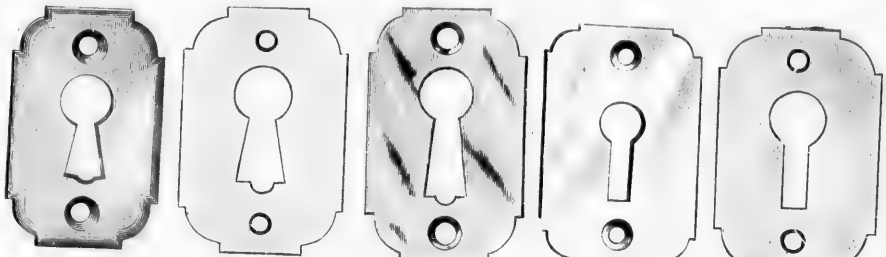
Packed with Screws.

No. 4580,	English Bronzed, for Steel Keys,	per dozen,	$2 50
No. 4581,	English Bronzed, for Steel Keys,	"	1 50
No. 4582,	English Bronzed, for Steel Keys,	"	0 90
No. 4583,	English Bronzed, for Steel Keys,	"	0 70
No. 2580,	Imperial Bronze Metal, for Steel Keys,	"	4 50
No. 2581,	Imperial Bronze Metal, for Steel Keys,	"	2 25
No. 2582,	Imperial Bronze Metal, for Steel Keys,	"	1 50
No. 2583,	Imperial Bronze Metal, for Steel Keys,	"	1 25
No. 2585,	Imperial Bronze Metal, same as 2582, for Brass Keys,	"	1 50
No. 2586,	Imperial Bronze Metal, same as 2583, for Brass Keys,	"	1 60
No. 4585,	English Bronzed, same as 4582, for Brass Keys,	"	0 80
No. 4586,	English Bronzed, same as 4583, for Brass Keys,	"	0 70

Nos. 4582, 4583, 2582 and 2583, for inside door locks.
Nos. 4581 and 2581, for front door locks without night keys.
Nos. 4580 and 2580, for front door locks $4\frac{3}{4}$ inch with night keys.
English Bronzed all packed two dozen in a box.
Bronze Metal Nos. 2580 and 2581, one dozen in a box.
Bronze Metal Nos. 2582 and 2583, two dozen in a box.

Plate Escutcheons.

Plated.



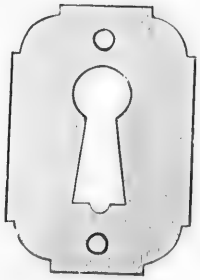
No. 1. No. 2. No. 3. No. 5. No. 6.

FULL SIZE CUTS.

No. 1,	$\frac{3}{4}$ inch, Plated, for Brass Keys, Packed with Screws,	per dozen pairs,	$0 75
No. 2,	$\frac{7}{8}$ inch, Plated, for Brass Keys, Packed with Screws,	" "	0 75
No. 3,	1 inch, Plated, for Brass Keys, Packed with Screws,	" "	0 75
No. 5,	$\frac{3}{4}$ inch, Plated, for Steel Keys. Packed with Screws,	" "	0 75
No. 6,	$\frac{7}{8}$ inch, Plated, for Steel Keys, Packed with Screws,	" "	0 75

Two dozen pairs in a box

Japanned.



Full Size Cut of No. 35.

Full Size Cut of No. 268.

No. 35,	1 inch, Japanned, for English Rim Keys,	per single dozen,	$0 20
No. 268,	$1\frac{1}{8}$ inch, Japanned, for English Rim Keys,	"	0 30

Three dozen in a package.

Furniture Escutcheons.

Brass Thread.

No. 574.

No. 409.

Cast Brass Thread Escutcheons.

Inch,	$\frac{1}{2}$	$\frac{9}{16}$	$\frac{5}{8}$	$\frac{3}{4}$
Per gross,	$0 56	0 65	0 75	0 97

Two gross in a box.

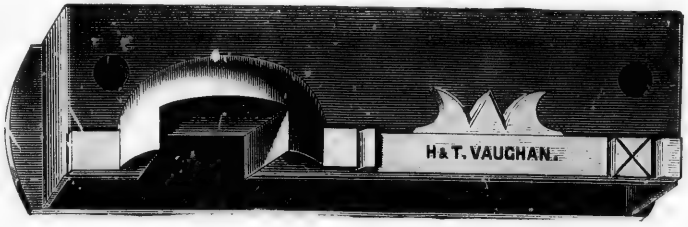
No. 409, $\frac{9}{16}$ inch, Wrought Brass Plate Escutcheons, - per dozen, $0 50
No. 574, $\frac{3}{4}$ inch, Wrought Brass Plate Escutcheons, " 0 50

Three dozen in a box.

Trunk Lock Hasps.

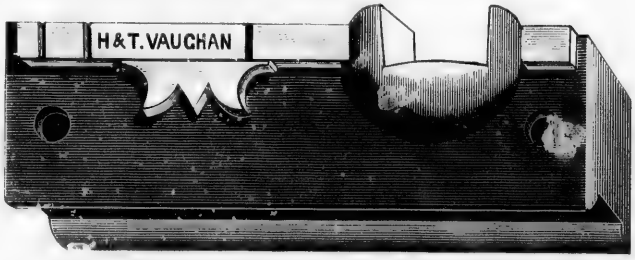
Good quality, - - - - - - per dozen, $0 40
Best quality, - - - - - " 0 50

Wrought Iron Rim Lock Strikes.



No. 60 J.

No. 60 J, 5 inch, Japanned, with Brass Facings, - - per dozen, $1 95
No. 60 J, 6 inch, Japanned, with Brass Facings, - " 1 95
No. 60 J, 7 inch, Japanned, with Brass Facings, - - " 2 55



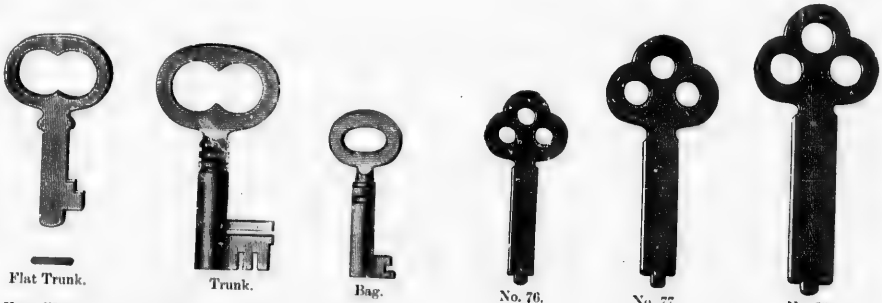
No. 60.

No. 60, 5 inch, Japanned, with Brass Facings, - per dozen, $2 40
No. 60, 6 inch, Japanned, with Brass Facings, - - " 2 40
No. 60, 7 inch, Japanned, with Brass Facings, - " 3 15

Cabinet and Other Keys.

Padlock. Till. Wardrobe. Chest. Cupboard. Cabinet.

Padlock Keys, assorted,	per gross,	$5 62
Till Keys, assorted,	"	3 75
Wardrobe Keys, assorted,	"	5 62
Chest Keys, assorted,	"	4 50
Cupboard Keys, assorted,	"	4 50
Cabinet Keys, assorted,	"	4 50



Flat Trunk. Trunk. Bag. No. 76. No. 77. No. 78.

Flat Trunk Keys, assorted,	per gross,	$3 15
Regular Trunk Keys, assorted,	"	4 [illegible]
Bag Keys, assorted,	"	3 [illegible]
No. 76, Nickeled Steel Key Blanks for Yale Padlocks, 1 and $1\frac{1}{4}$ inch,	per do[illegible]	1 [illegible]
No. 77, Nickeled Steel Key Blanks for Yale Padlo[illegible] $1\frac{1}{2}$ and $1\frac{3}{4}$ inch,	"	[illegible]
No. 78, Nickeled Steel Key Blanks for Yale Padlo[illegible] 2 and $2\frac{1}{4}$ inch	"	1 25

Half gross in a box.

Cabinet.

r gross,	$5	62
"	3	75
"	5	62
"	4	50
"	4	50
"	4	50

No. 78.

gross,	$3	15
"	4	[illegible]
"	3	[illegible]
do	1	[illegible]
"	[illegible]	[illegible]
"	1	25

Door Keys.

No. 229.

No. 125.

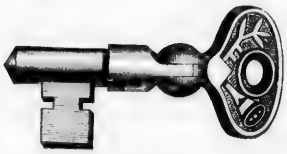
No. 225.

No. 226.

No. 228.

No. 6.

No. 7.



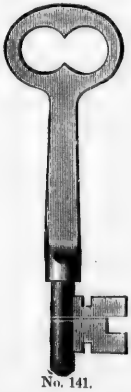
No. 139.

No. 130.

No. 405½.

No. 137.

No. 138.



No. 141.

Described on Page 236.

Door Keys.

For Rim and Mortise Locks and Night Latches.

For Cuts of Keys see Page 235.

No. 225, Coppered Iron Keys for Rim Locks No. 21220, - per dozen, $0 40

No. 226, Tinned Iron Keys for Rim Locks Nos. 21225, 21235, 21240 and 21245, per dozen, 1 00

No. 228, Nickeled Steel Keys for Rim Locks Nos. 21226, 21227, 21236, 21237, 21241, 21242, 21246 and 21247, - - - per dozen, 3 50

No. 229, Nickeled Steel Keys for Rim Locks Nos. 21251, 21252, 21261 and 21262, - - - - - - per dozen, 3 50

No. 135, Coppered Iron Keys for Mortise Locks No. 1205, " 0 40

No. 136, Tinned Iron Keys for Mortise Locks Nos. 1210 and 1259, " 1 00

No. 137, Nickeled Steel Keys for Mortise Locks Nos. 1211, 1217, 1219, 1240, 1241, 1260, 1262, 14218, 14219 and 12219, - - per dozen, 3 50

No. 138, Nickeled Steel Keys for Mortise Locks Nos. 1250, 1251, 1550, 1553, 12550 and 12553, - - - per dozen, 3 50

No. 139, Nickeled and also Bronze Metal Folding Keys for Sliding Door Locks Nos. 1165, 1167, 12170, and 12172, - - - per dozen, 6 00

No. 141, Nickeled Steel Keys for Night Work in Mortise Locks Nos. 12550 and 12553, - - - - - - per dozen, 4 00

No. 6, Nickeled Corrugated Steel Key Blanks for all Yale Locks, excepting Cupboard, Drawer and Desk Locks with $\frac{3}{4}$ inch Nose, - per dozen, 1 50

No. 7, Nickeled Corrugated Steel Key Blanks for all Yale Cupboard, Drawer and Desk Locks with $\frac{3}{4}$ inch Nose, - - - per dozen, 1 50

No. 425, Nickeled Steel Keys for R. & E. Mfg. Co, Rim Locks, Nos. 0241½, 0242½, 0246, 0247, 0260, 0261, 0262, 9263, 0270, 0271, 0272, 0273, 1241½, 1242½, 1246, 1247, 1613, 1616, 1870, 1871, 1880, 1881, 2260, 2261, 2262, 2263, 2270, 2271, 2272, 2272, 2273, 2612, 8241½, 8246, per dozen, 2 00

No. 405½, Nickeled Steel Keys, for R. & E. Mfg. Co., Mortise Locks, Nos. 008½, 00¼, 00⅝, 00¾, 01, 01½, 013, R 013, 013⅛, 013¼, 057, 072½, 073, 343, 344, 353, 354, 0301, 0302, 0303, 0304, 0311, 0312, 0313, 0314, 0321, 0322, 0323, 0324, 0361, 0362, 0363, 0364, 0371, 0372, 0373, 0374, R 7013, 7013¼, 7324, 7344, 7354, 7389, - - - per dozen, 2 00

Three dozen in a box.

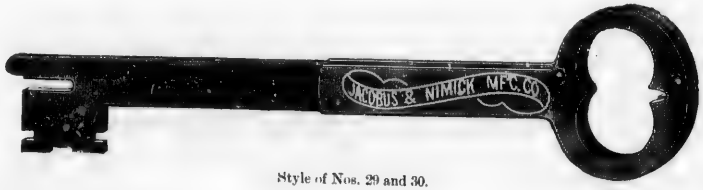
Door Keys.

For Rim and Mortise Locks and Night Latches.

No. 14 M. No. 12 R. No. 14 R. No. 70. No. 700. No. 625.

No. 14 M,	Tinned Iron Mortise Keys, Thin Bits, assorted, -	per gross,	$4 00
No. 12 R,	Tinned Iron Rim Keys, for Old Style Locks, assorted,	"	4 50
No. 14 R,	Tinned Iron Rim Keys, Thin Bits, assorted, -	"	4 50
No. 70,	Nickel-Plated Keys, for Night Latches, No. 70, -	per dozen,	1 00
No. 700,	Nickel-Plated Keys, for Morris Night Latches, -	"	2 50
No. 625,	Nickel-Plated Keys, for Night Latches, Nos. 625 and 627,	"	2 50

Nos. 14 M, 12 R and 14 R, quarter gross in a box.
Nos. 70, 700 and 625 we do not keep in stock; in ordering please send a duplicate key.

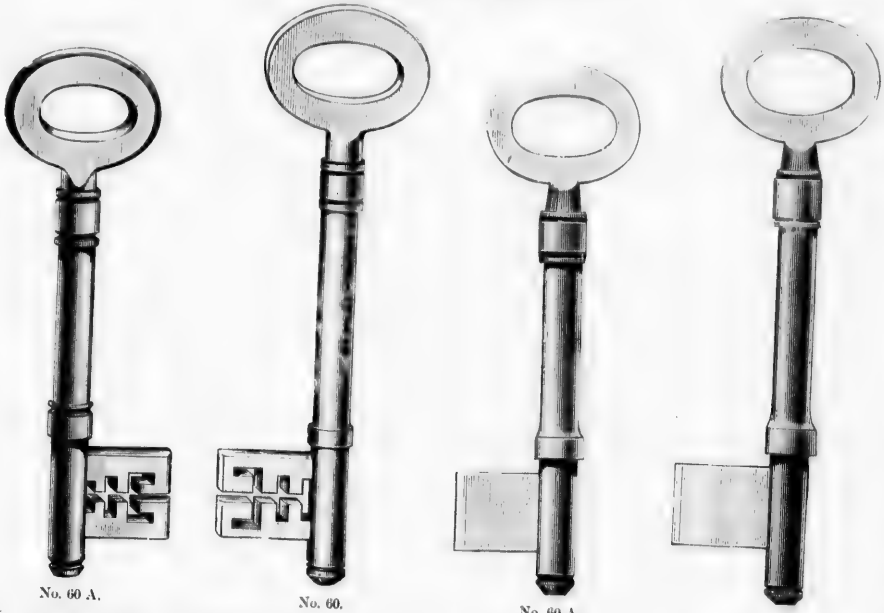


Style of Nos. 29 and 30.

No. 59,	Nickel-Plated Flat Folding Steel Keys for Store Door Rim Dead Locks, Nos. 2771 and 2773, - - - -	per dozen,	$4 00
No. 30,	Nickel-Plated Flat Folding Steel Keys, for Store Door Rim Dead Locks, Nos. 2781 and 2783, - - - -	per dozen,	4 00

Door Keys and Blanks.

For Wrought Iron Rim Locks.

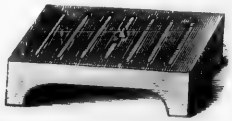


No. 60 A. No. 60. No. 60 A. No 60.

No. 60 A,	5 inch, Wrought Iron Keys, for 60 A x 5 inch Rim Locks,	per dozen,	$1 00
No. 60 A,	6 inch, Wrought Iron Keys, for 60 A x 6 inch Rim Locks,	"	1 00
No. 60 A,	7 inch, Wrought Iron Keys, for 60 A x 7 inch Rim Locks,	"	1 35
No. 60,	5 inch, Wrought Iron Keys, for 60 x 5 inch Rim Locks,	"	1 35
No. 60,	6 inch, Wrought Iron Keys, for 60 x 6 inch Rim Locks,	"	1 35
No. 60,	7 inch, Wrought Iron Keys, for 60 x 7 inch Rim Locks,	"	1 50
No. 60 A,	5 inch, Wrought Iron Blanks, for 60 A x 5 inch Rim Locks,	"	0 90
No. 60 A,	6 inch, Wrought Iron Blanks, for 60 A x 6 inch Rim Locks,	"	0 90
No. 60 A,	7 inch, Wrought Iron Blanks, for 60 A x 7 inch Rim Locks,	"	1 00
No. 60,	5 inch, Wrought Iron Blanks, for 60 x 5 inch Rim Locks,	"	1 30
No. 60,	6 inch, Wrought Iron Blanks, for 60 x 6 inch Rim Locks,	"	1 30
No. 60,	7 inch, Wrought Iron Blanks, for 60 x 7 inch Rim Locks,	"	1 50

Three dozen in a package.

Ventilator Bricks.



Cast Iron Single Ventilator Bricks, $2\frac{3}{4}$x$8\frac{1}{2}$, with Slide,	per dozen,	$3 00
Cast Iron Double Ventilator Bricks, $5\frac{1}{2}$x$8\frac{1}{2}$, with Slide,	"	4 25

No 60.

dozen,	$1	00
"	1	00
"	1	35
"	1	35
"	1	35
"	1	50
"	0	90
"	0	90
"	1	00
"	1	30
"	1	30
"	1	50

ozen,	$3	00
"	4	25

Patent Gullet-Tooth Circular Saws.

One of the most Valuable and Useful Improvements of the Age.

Patent Ground and Tempered Solid Teeth, of Extra Quality, Superior Workmanship, and Guaranteed as per Warranty.

Diameter.	Thickness.	Size of Hole.	Price, each.	Extra for each additional gauge, heavier.	Diameter.	Thickness.	Size of Hole.	Price, each.	Extra for each additional gauge, heavier.
4 inch	18 gauge	½ inch	$0 70	$0 06	36 inch	9 gauge	1¼ inch	$21 00	$1 50
5 "	18 "	½ "	0 92	0 08	38 "	8 "	1¼ "	24 20	1 75
6 "	17 "	½ "	1 15	0 10	40 "	8 "	1½ "	29 40	2 25
7 "	17 "	½ "	1 40	0 12	42 "	8 "	1½ "	34 65	2 75
8 "	16 "	½ "	1 68	0 14	44 "	8 "	1½ "	42 00	3 20
9 "	15 "	1 "	1 95	0 16	46 "	7 "	1½ "	49 25	3 75
10 "	14 "	1 "	2 25	0 18	48 "	6 "	2 "	55 65	4 50
12 "	14 "	1 "	2 85	0 20	50 "	6 "	2 "	65 65	4 75
14 "	14 "	1 "	3 50	0 24	52 "	6 "	2 "	75 00	6 30
16 "	13 "	1¼ "	4 40	0 30	54 "	6 "	2 "	[illegible] 75	7 50
18 "	13 "	1¼ "	5 30	0 45	56 "	5 "	2 "	[illegible] 50	9 00
20 "	12 "	1¼ "	6 40	0 48	58 "	5 "	2 "	120 50	10 50
22 "	12 "	1¼ "	7 50	0 52	60 "	5 "	2 "	130 00	12 00
24 "	11 "	1½ "	8 60	0 60	62 "	5 "	2 "	162 75	13 00
26 "	11 "	1½ "	10 50	0 70	64 "	5 "	2 "	189 00	15 75
28 "	11 "	1½ "	12 90	0 80	66 "	5 "	2 "	202 00	18 00
30 "	10 "	1½ "	14 90	0 90	68 "	4 "	2½ "	226 00	20 00
32 "	10 "	1½ "	16 50	1 00	72 "	4 "	2½ "	248 00	25 00
34 "	10 "	1½ "	19 50	1 20					

Perforated Circular Saws Supplied.

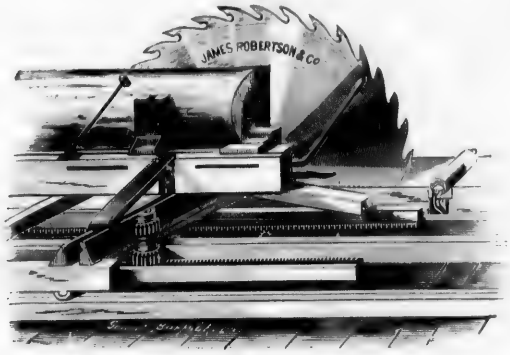
No extra charge for Saws one gauge thicker than list. Circular Saws bevelled one gauge without extra charge.

Circular Saws to cut Metal or Ivory 50 per cent. advance.

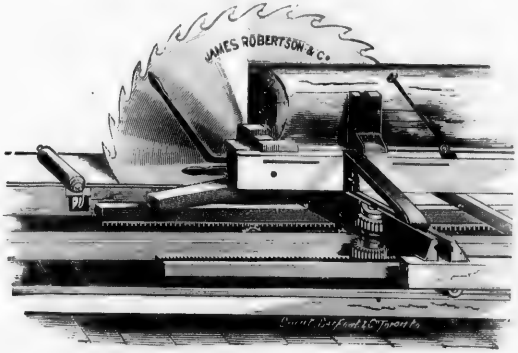
Can supply Saws of any manufacture desired.

Circular Saws.

Right Hand Saw.



Left Hand Saw.



When ordering Circular Saws the following directions should be explicitly given:

Diameter of Saw ..... inches.
Thickness of Saw at Rim ..... gauge.
Thickness of Saw at Centre ..... gauge.
Number of Teeth in Saw .....
Kind of Tooth and No. .....
Whether spring or spread set .....
Mandril Hole .....

Pin Holes ..... inches.
Distance between pin holes from centre to centre .. inches.
Right or left hand Saw, see engraving above .....
Greatest feed at each revolution of Saw ..... inches.
Kind of Lumber to be sawed .....
Speed of Saw, about ..... revolutions per minute.

All Saws fully warranted.

Extra Cast Steel Shingle Saws.

Tapered and Patent Ground.

Inches,	32	34	36	38	40	42	44	46
Each,	$22 00	25 00	30 00	34 00	40 00	50 00	61 00	75 00

When ordering Shingle Saws give the following directions:

Diameter of Saw in inches; Thickness or Gauge of Saw at centre; Thickness or Gauge of Saw at rim; full sketch or pattern of holes, and sample of screw by which to drill or countersink saw. If you have a flange send it to have holes drilled in saw to fit flange. State whose make of machine the Saw is to run upon, number of teeth you wish in the Saw, and be sure to give flat or countersunk side and the direction in which the teeth run.

PRICES FOR REPAIRING SAWS.

Circular Saws.

BREAKAGE AT OWNER'S RISK.

4 to 26 inch, gumming and hammering,	7 cents per inch diameter.
4 " 26 " hammering only,	5 " "
27 " 36 " gumming and hammering,	9 " "
27 " 36 " hammering only,	6 " "
37 " 48 " gumming and hammering,	13 " "
37 " 48 " hammering only,	9 " "
49 " 54 " gumming and hammering,	17 " "
49 " 54 " hammering only,	10 " "
55 " 60 " gumming and hammering,	20 " "
55 " 60 " hammering only,	11 " "
61 and upwards, gumming and hammering,	25 " "
61 " hammering only,	15 " "

Gumming only charged same price as gumming and hammering.

When altered from Rip to Cross-Cut or Cross-Cut to Rip, we add one-third to price of gumming and hammering.

Shingle Saws.

30 to 34 inch, gumming and hammering,	13 cents per inch diameter.
30 " 34 " hammering only,	9 " "
35 and upwards, gumming and hammering,	20 " "
35 " hammering only,	12 " "

Taking off and putting on collars, extra, $1.25 each.

Re-Grinding Shingle Saws.

1 Gauge, 20 cents per inch diameter; 2 Gauges, 28 cents per inch diameter; 3 Gauges, 36 cents per inch diameter, including hammering.

Re-Grinding Circular Saws.

	Per Gauge.		Per Gauge.
20 to 36 inch diameter,	$0 80	55 to 60 inch diameter,	$2 20
37 " 40 "	1 10	61 " 66 "	2 75
41 " 48 "	1 35	67 " 72 "	3 30
49 " 54 "	1 65		

To prices for Re-Grinding Circular Saws, hammering must be added at above rates, as saws are hammered before and after grinding.

Mill Gang and Butting.

Gumming and hammering, $1.00 each; hammering, 75 cents.

Mulay Saws.

Gumming and hammering, $2.00 each; hammering, $1.00.

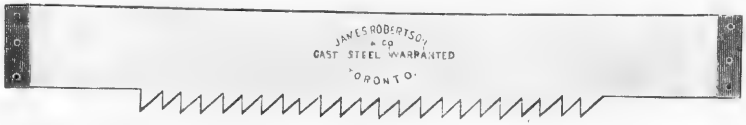
Cross-Cut and Tenon Saws.

Gumming and hammering, $1.00 each; hammering, 50 cents each; gumming, hammering, setting and filing, $1.50, each.

Gang Saws.

Nos. 9 and 10 gauge, 8 inches wide,	per foot,	$1 15	9 inches wide,	per foot,	$1 30
Nos. 11 and 12 gauge, 8 inches wide,	"	1 05	9 inches wide,	"	1 20
Nos. 13 to 15 gauge, 8 inches wide,	"	1 00	9 inches wide,	"	1 15

Gang Saws, Showing Tabs.



Nos. 9 and 10 gauge, 8 inches wide,	per foot,	$1 15	9 inches wide,	per foot,	$1 30
Nos. 11 and 12 gauge, 8 inches wide,	"	1 05	9 inches wide,	"	1 20
Nos. 13 to 15 gauge, 8 inches wide,	"	1 00	9 inches wide,	"	1 15

Cutting Tabs on ends of Saw. Price according to width of Saw.

Mulay Saws.

Width.	10	11	12	14 inches.
Length, 6½ feet,	$10 75	$12 00	$13 00	$15 25 each.
Length, 7 feet,	12 00	13 50	15 00	16 25 "
Length, 7½ feet,	13 25	14 50	16 00	17 50 "
Length, 8 feet,	.. ..	.. ..	18 00	20 00 "

Mill Saws.

No. 6, W. G. Mill Saw,	per foot,	$1 40
No. 7, W. G. Mill Saw,	"	1 30
No. 8, W. G. Mill Saw,	"	1 20
No. 9, W. G. Mill Saw,	"	1 15

Cross Cut Saws.

Every Saw fully Warranted

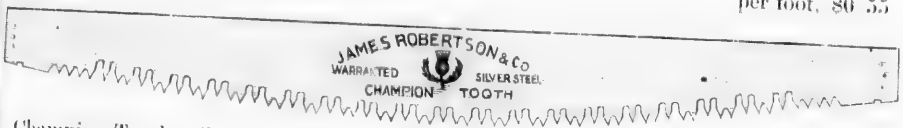
Lance Tooth Silver Steel, - - - - - per foot, $0 90

Diamond Tooth, Silver Steel, - - - - - - per foot, $0 90

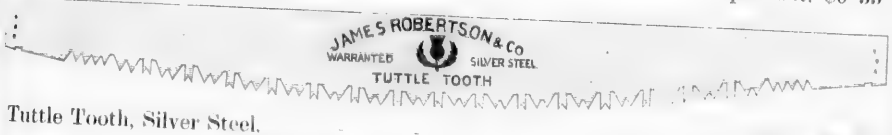
Hanlan Tooth, Silver Steel, - - - - - per foot, $0 90

New Improved Champion Tooth, Silver Steel, - - - per foot, $0 75

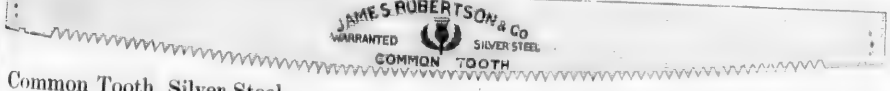
Improved Champion Tooth, Silver Steel, - per foot, $0 55



Champion Tooth, Silver Steel, - - - - - per foot, $0 55



Tuttle Tooth, Silver Steel, - - per foot, $0 55



Common Tooth, Silver Steel, - - - - - per foot, $0 50

Butting or Drag Saws.

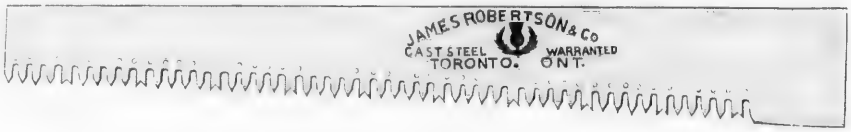
Cross Cut Tooth.

Rip Tooth.

No. 11 and 12 W. G., Tapered 8 inch at butt, 6 inch at point,	-	per foot,	$1 00
No. 9 and 10 W. G., Tapered 8 inch at butt, 6 inch at point,		"	1 10
No. 8 W. G., Tapered 8 inch at butt, 6 inch at point,	-	"	1 25
No. 7 W. G., Tapered 8 inch at butt, 6 inch at point,	- -	"	1 45

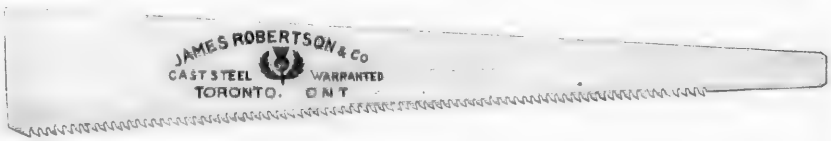
No extra charge for patent or imported teeth. In ordering Drag Saws state whether rip or cross cut. Give the gauge, etc., if required other than usual thickness.

Lance Tooth Perforated.



No. 9 and 10 gauge, Tapered 10 inch at butt, 9 inch at point,	-	per foot,	$1 30
No. 9 and 10 gauge, Tapered 12 inch at butt, 10 inch at point,	-	"	1 60

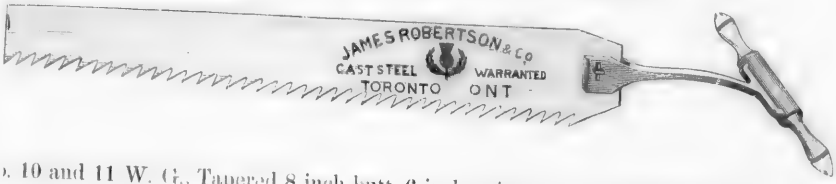
Pit Saws.



Feet,	6	6½	7	7½	8	9	10
Each,	36 60	7 45	8 55	9 65	11 35	12 90	15 75

Tiller Handles and Boxes for Pit Saws, complete, - - - $2 25

Ice Saw, with Tiller Handle.



No. 10 and 11 W. G., Tapered 8 inch butt, 6 inch point, set and sharpened, without handle. per foot, $1 05

No. 10 and 11 W. G., Tapered 7 inch butt, 5 inch point, set and sharpened, without handle. per foot, 1 00

Tiller Handles. each, 1 25

One Man Cross Cut Saws.

Lance Tooth with Supplementary Handle.

Feet,	3	3½	4	4½	5	5½	6
Each,	$3 00	3 50	4 00	4 50	5 00	5 50	6 00

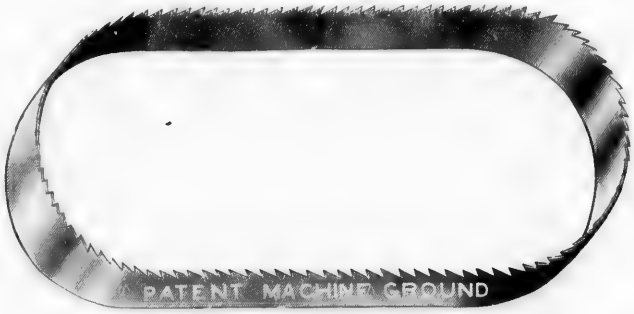
Hanlan, Diamond and New Improved Champion same price as above.

Champion Tooth.

Feet,	3	3½	4	4½	5	5½	6
Each,	$2 50	2 75	3 00	3 50	4 00	4 50	5 00

Improved Champion, Tuttle and Common Tooth same price as above.

Band Saw Blades.



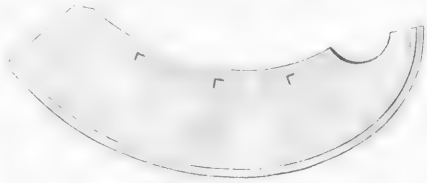
Set and Sharpened (not Joined).

Inches.	$\frac{3}{16}$ and $\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1	$1\frac{1}{8}$	$1\frac{1}{4}$	$1\frac{3}{8}$	$1\frac{1}{2}$	$1\frac{3}{4}$	2
Per foot.	$0 15	$0 16	$0 17	$0 18	$0 19	$0 20	$0 21	$0 25	$0 29	$0 33	$0 37	$0 41	$0 45

Suggestions for the Use of Band Saws.

Keep the correct pitch upon the tooth, so as to give a proper lead into the cut. This will take the friction entirely off the stay-pin. By the use of a round edge file the saw will be kept from galling. To save trouble and expense a proper pitch must be held for each kind of wood and work.

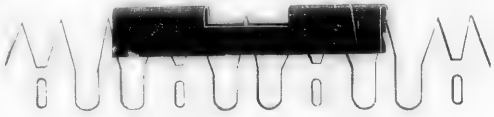
Straw Cutter Knives.



Nos.	1	2	3	4	5
Each,	$0 75	$0 85	$1 00	$1 25	$1 50

☞ Straw Knives made to order any pattern. ☜

Gauge for Regulating Cleaning Teeth.

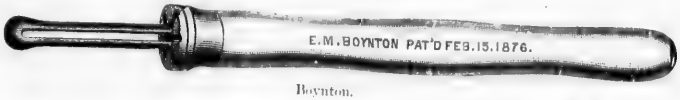


Showing the Gauge in position for filing the Cleaner Tooth.

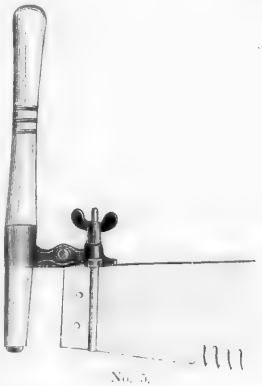
Per dozen. - - - - - - - - - $0 75

The chopping teeth of all saws should be somewhat shorter than the cutting teeth, and although shorter should be of uniform length throughout. The inner edge of the Gauge rests on the points of the Cutting Teeth, the Cleaning Teeth projecting through the openings in centre of Gauge. Reduce the projecting points, by means of a File, until arrested by the edges of the Gauge, which is made of hardened steel. Thus tooth after tooth can be rapidly and correctly reduced to an even length by an unskilled operator.

Patent Cross Cut Saw Handles.

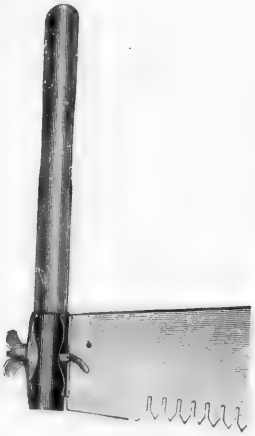


Boynton.



No. 5.

One Man Saw Handle.



Champion

The Boynton, Canadian make,	per pair,	$0 35
The Boynton, American make,	"	0 45
The Champion, American make,	"	0 40
The No. 5, Canadian make,	"	0 35
The One Man Cross Cut Saw Handles,	each,	0 30

Saw Handle Screws.

No. 2.

No. 3

No. 4

Nos. 1 and 2.

No. 5. Brass, Flush,	per gross,	3 90
No. 4. Brass, Embossed, Small Eagle,	"	6 40
No. 3. Brass, Embossed, Large Eagle, Centennial	"	9 75
No. 2. Brass, Raised, Finished, Centennial,	"	8 25
No. 1. Brass, Raised, Finished, Centennial,	"	5 62
	"	4 50

Half gross in a box.

Hand Panel and Rip Saws.

No. 101.

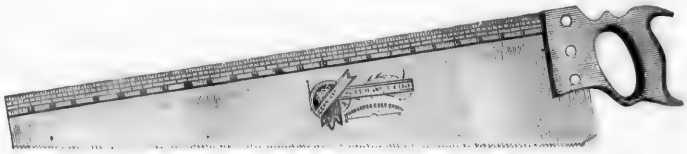
Cast Steel, Beechwood Handle, Polished Edges, 3 Brass Screws, Set and Sharpened, 26 inches, - - - per dozen, $8 25

No. 211.

Cast Steel, Beechwood Handle, Polished Edges, 3 Centennial, Brass Screws, Set and Sharpened.

Inches,	16	18	20	22	24
Per dozen,	$7 25	7 90	8 62	10 50	12 00

No. 1, Combination.



Cast Steel, Beechwood Handle, Polished Edges, 3 Brass Screws, Set and Sharpened, 26 inches, per dozen, $10 50

The Standard.

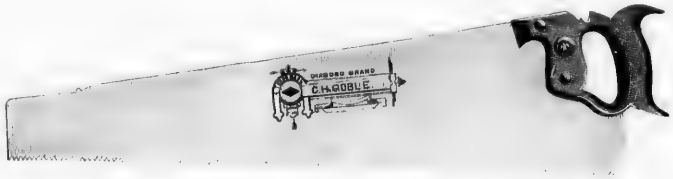
Cast Steel, Walnut Handle, Polished Edges, 3 Raised Steel Screws, Polished Shield, Set and Sharpened, 26 inches, - - - per dozen, $11 25

Rip in the Standard only.

Half dozen in a box or package.

Hand Panel and Rip Saws.

No. P. 27.



Cast Steel, Grained Blade, Beech Handle, Polished Edges, 4 Improved Brass Screws, Set and Sharpened, 26 inches, - - - - per dozen, $16 50

No. 107.

Keystone Cast Steel Warranted, Beech Handle, Polished Edges, 4 Improved Brass Screws.

Inches,	18	20	22	26	28
Per dozen,	$10 00	11 25	12 50	15 00	18 00

No. 7.

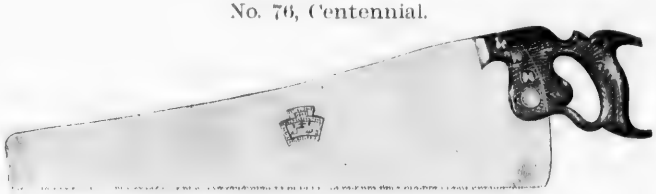
Disston's Cast Steel, Warranted, Beech Handle, Polished Edges, 4 Improved Brass Screws.

Inches,	18	20	22	26	28
Per dozen,	$14 00	16 00	18 00	20 00	23 50

Third dozen in a box.

Hand Panel and Rip Saws.

No. 76, Centennial.



Disston's Cast Steel Warranted, Skew Back, Polished Apple Handle, Polished Edges, 4 Patent Brass Screws.

Inches,	18	20	22	26	28
Per dozen,	$15 50	17 00	19 00	21 50	25 00

D 8 and R. & K.

FOR BEAUTY, FINISH AND UTILITY, THESE SAWS CANNOT BE EXCELLED.

Disston's Cast Steel Warranted, Skew Back, Polished Apple Handle, Polished Edges, Ground Back, 5 Improved Brass Screws.

Inches,	18	20	22	26	28
Per dozen,	$16 50	18 00	20 50	22 50	26 00

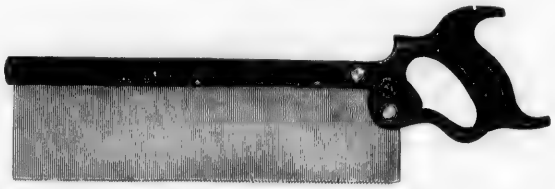
R. & K., Risley & Kerrigan, Cast Steel Warranted, Skew Back, Polished Apple Handle, Polished Edges, 5 Improved Brass Screws.

Inches,	18	20	22	26	28
Per dozen,	$13 50	15 00	16 50	20 00	22 00

Hand assorted, 6 to 8 and 7 to 9 points.
Panel assorted, 9 to 11 and 10 to 12 points.
Rip assorted, $4\frac{1}{2}$ to $5\frac{1}{2}$ and 5 to 6 points.

Third dozen in a box.

Back Saws.



No. 10, R. H. Smith & Co., Cast Steel, Polished Back, Beech Handle, Polished Edges, 3 Brass Screws.

Inches,	8	10	12	14	16	18
Per dozen,	$11 00	13 00	15 00	17 00	19 00	21 00

No. 9, R. H. Smith & Co., Cast Steel, Blue Back, Beech Handle, Polished Edges, 3 Brass Screws.

Inches,	8	10	12	14	16	18
Per dozen,	$14 50	16 50	18 50	20 50	23 00	26 00

We keep in stock 10, 12 and 14 inch only.

Third dozen in a box.

Compass Saws.

Disston's Cast Steel, Apple Handle.

Inches,	10	12	14	16
Per dozen,	$4 25	4 50	4 75	5 00

No. 1, R. H. Smith & Co., Cast Steel, Beech Handle, very Thin Blade.

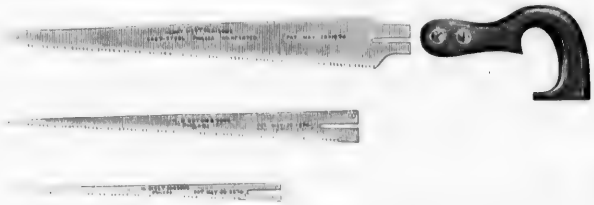
Inches,	10	12	14	16
Per dozen,	$4 25	4 50	4 75	5 00

No. 2, R. H. Smith & Co., Cast Steel, Beech Handle.

Inches,	10	12	14	16
Per dozen,	$3 50	3 75	4 00	4 25

Half dozen in a box

Nests of Saws.



Disston's Nest, comprising Handle with Set Screws, with Keyhole, Compass and Pruning Blades, - - - - - per dozen sets, $12 00

Three sets in a box.

Handles and Screws only, - - - - -	per dozen,	$2 50
Keyhole Blades only, - - - -	"	1 50
Compass Blades only, - - - - - - -	"	3 00
Pruning Blades only, - - - - - - -	"	5 00

Interchangeable Compass Saws.

Disston's Interchangeable Compass Blades only.

Inches,	10	12	14
Per dozen,	$2 50	2 75	3 00

Interchangeable Compass Saw Handles only, - - - per dozen, $2 50

Keyhole Saw and Pad.

Disston's Keyhole Saw and Handle, - - - per dozen, $2 50

This is a cheap and convenient combination of keyhole saw, saw-pad, and screw-driver.

Blades only.

Inches,	8	9	10	11	12	14
Per dozen,	$1 75	1 88	2 00	2 13	2 25	2 50

Patent Ground Web Saw Blades.

Turning or Chair Webs.

Inches,	8	10	12	14	16	18	20	22	24	26	28	30
Width,	$\frac{1}{8}$	$\frac{3}{16}$ to $\frac{5}{16}$	$\frac{3}{16}$ to $\frac{5}{16}$	$\frac{3}{16}$ to $\frac{3}{16}$	$\frac{1}{4}$ to $\frac{3}{8}$	$\frac{1}{4}$ to $\frac{1}{2}$	$\frac{1}{4}$ to $\frac{3}{8}$	$\frac{1}{4}$ to [illegible]	$\frac{1}{4}$ to $\frac{3}{4}$	$\frac{1}{4}$ to $\frac{3}{4}$	$\frac{1}{4}$ to $\frac{7}{8}$	$\frac{1}{4}$ to 1
Per doz.,	1 64	1 87	2 10	2 40	2 66	2 93	3 20	3 [illegible]	4 27	4 80	5 33	5 87

24 inches is the longest we keep in stock

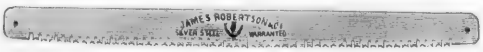
Felloe Webs.

Inches,	12	14	16	18	20	22	24	26	28	30	32	34	36
Width,	$\frac{1}{4}$ to $\frac{3}{8}$	$\frac{1}{4}$ to $\frac{3}{8}$	$\frac{1}{4}$ to $\frac{1}{2}$	$\frac{1}{4}$ to $\frac{1}{2}$	$\frac{1}{4}$ to $\frac{5}{8}$	$\frac{1}{4}$ to $\frac{5}{8}$	$\frac{1}{4}$ to $\frac{3}{4}$	$\frac{1}{4}$ to $\frac{3}{4}$	$\frac{1}{4}$ to $\frac{7}{8}$	$\frac{1}{4}$ to 1	$\frac{1}{4}$ to 1	$\frac{1}{4}$ to 1	$\frac{1}{4}$ to 1
Per doz.,	3 08	3 58	4 10	4 60	5 72	5 63	6 15	6 64	7 17	7 68	8 18	8 71	9 20

30 inches is the longest we keep in stock.

Billet Webs.

	30 in.	32 in.
No. 7, Jas. Robertson & Co., C. S., Set and Filed, - -	$4 50	$5 00
No. 9, Jas. Robertson & Co., S. S., Set and Filed, - - -	5 00	5 50
No. 1, R. H. Smith & Co., C. S., Set and Filed, - -	6 33	6 66



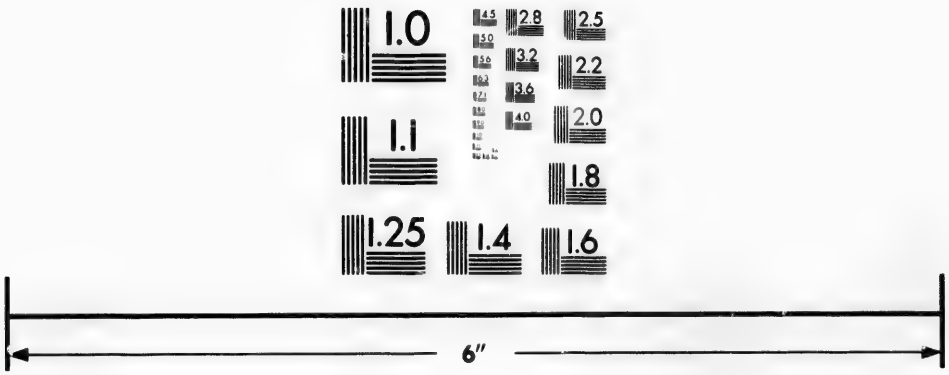
	30 in.	32 in.
No. 11, Jas. Robertson & Co., C. S., Set and Filed, - -	$5 50	$6 00
No. 13, Jas. Robertson & Co., S. S., Set and Filed, - - -	6 00	6 50

	30 in.	32 in.
No. 17, Jas. Robertson & Co., C. S., Set and Filed, - -	$5 50	$6 00
No. 19, Jas. Robertson & Co., S. S., Set and Filed, - -	6 00	6 50
No. 6, Disston's C. S., Set and Filed, - - - -	6 00	6 50

We can supply other styles of Teeth when required.

Billet Webs one dozen in a package.

IMAGE EVALUATION
TEST TARGET (MT-3)



Photographic
Sciences
Corporation

23 WEST MAIN STREET
WEBSTER, N.Y. 14580
(716) 872-4503

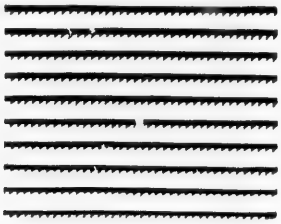
2.8
2.5
3.2
2.2
3.6
2.0
1.8
1.1
1.0

Butcher Webs.

Inches,	12	14	16	18	20	22	24	26
2 inches wide, per dozen,	$5 50	$6 25	$7 50	$8 00	$9 00	$10 00	$11 75	$12 50
1½ " "	4 62	5 37	6 37	7 00	7 87	8 75	10 27	11 37
1¼ " "	4 19	4 50	5 20	5 75	6 25	6 75	7 25	8 00
1 " "	3 75	4 25	5 00	5 50	6 00	6 50	7 00	7 75

We keep in stock 1 inch wide only but can supply any of the other widths.

Bracket Saw Blades.

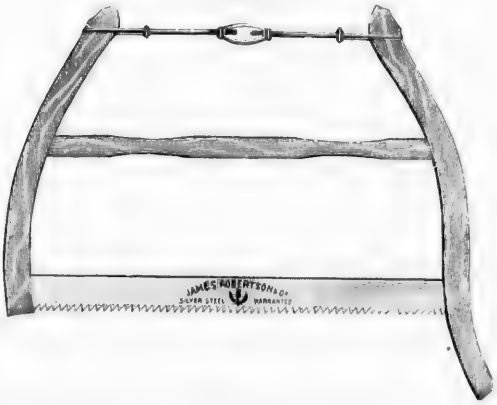


Assorted up to No. 4, - - - - per gross, $0 90
Assorted, Nos. 5 to 8, - - - - - " 1 05

One gross of one number in a package.

Framed Wood Saws.

Common.

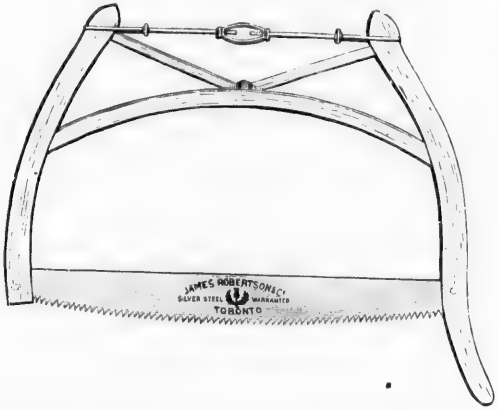


Unpainted Frame, Complete with No. 7 Blades, 30 inch, - per dozen, $7 00
Painted Red Frame, Complete, with No. 9 Blades, 30 inch, - " 8 50

Half dozen in a bundle.

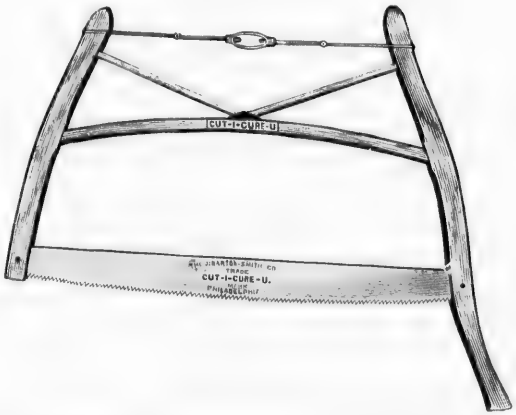
Framed Wood Saws.

The "John A." and the Leader.



The Leader, Unpainted Frame, Complete, with No. 9 Blades, 30 inch, per dozen, $8 50
The "John A," Painted Red Frame, Complete, with No. 19 Blades, 30 inch, per dozen, 10 00

Parker's "The Cut-I-Cure-U."



The "Cut-I-Cure-U," Improved, Painted Red Frame, London Spring Steel Blade, Bow Belly, Extra Thin Back, Sharpened, Tinned Rod and Rivets, per dozen, $12 00

Half dozen in a box.

Boys' Favorite Saw and Buck.

The Best Thing Out.

The Boys' Favorite, Improved, Painted Red Frame with a 22 inch Blade, the Buck is also Painted Red, - - - - per dozen sets, $15 75

One set in a box.

Wood Saw Frames.

Common Pattern, - - - - - per dozen sets, $1 95

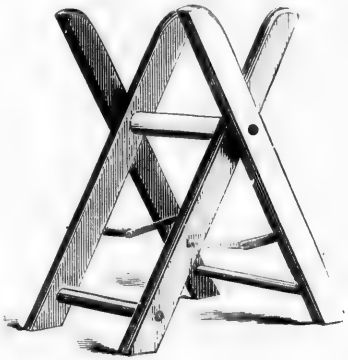
Clipper Saw Rods.

Inches,	21	22	24
Per dozen,	$1 00	1 25	1 50

21 inch is the regular length used.

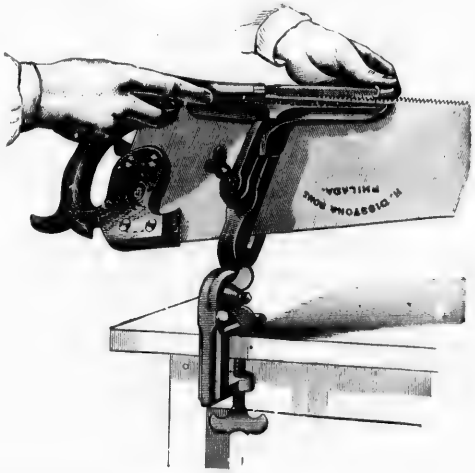
One dozen in a package.

Patent Saw Bucks.



Patent Saw Bucks, - - - - - per dozen, $6 00

Saw Vice or Clamp.



No. 2, Disston's Adjustable Saw Clamp, - - per dozen, $12 50

Saw Sets.

Lever.

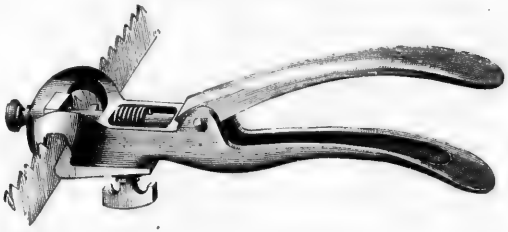
Lever, Common, Wood Handle, - - - per dozen, $2 25

Stillman's.

Stillman's, Wood Handle, - - - - - per dozen, $3 60
Stillman's, Cross Cut, Wood Handle, - - - - " 6 40

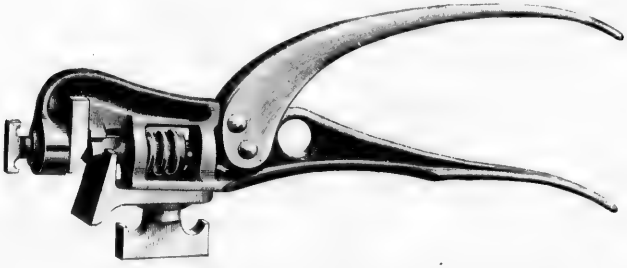
One dozen in a box.

Morrill's Patent.



No. 1, Morrill's Perfect, for Hand, Panel, Wood and Meat Saws, - per dozen, $10 50

Half dozen in box.



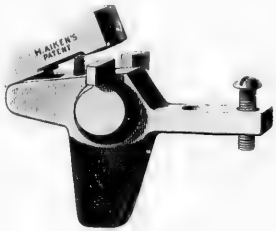
No. 3, Morrill's, for Common Tooth Cross Cut and Small Circular Saws, per dozen, $18 00

No. 4, Morrill's, for Champion, Lance and other Patent Cross Cut Saws, per dozen, 22 50

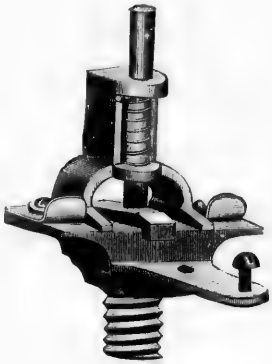
Quarter dozen in a box.

Saw Sets.

Hammer.



Aiken's.



Smith's.

Aiken's Pattern, Solid Cast Steel, Adjustable, - - - per dozen, $6 00
Smith's Patent Improved, Solid Cast Steel, - - - " 6 75

Half dozen in a box or package.

Lever.

No. 415.

Style of Nos. 431 to 449.

No. 415, Wynn's Lever, all Steel, 6½ inches long, - - per dozen, $2 55
No. 431, Wynn's Lever, all Steel, with Gauge for hand and other light saws, per dozen, 6 00
No. 432, Same as No. 431, but with Wood Handle, - - " 6 75
No. 448, Wynn's Lever, all Steel, with Gauge, for Cross Cut Saws, " 9 00
No. 449, Same as No. 448, but with Wood Handle, - - " 10 65

Half dozen in a package.

Files.

Taper Saw, Single Cut.

Inches,	3	3½	4	4½	5	5½	6	7	8	9	10
Per dozen,	$0 95	0 95	1 10	1 20	1 30	1 40	1 80	2 30	2 90	3 70	4 70

Slim Taper Saw, Single Cut.

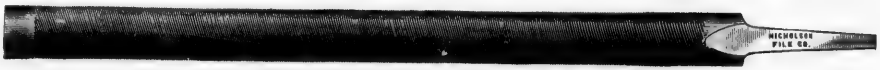
Inch,	3	3½	4	4½	5	5½	6	7
Per dozen,	$1 20	1 20	1 30	1 45	1 70	1 90	2 10	2 50

Genuine Stub's Taper Saw, Double Cut.

Inch,	3	3½	4	4½	5	5½	6
Per dozen,	$1 60	1 75	2 05	2 25	2 65	3 00	3 20

We keep the Hand Saw also in stock.

Pit Saw.



Inch,	5	6	7	8
Per dozen,	$1 60	2 00	2 50	3 25

One to three dozen in a box or package.

Mill Bastard.

Inch,	4	5	6	7	8	9	10	11	12	13	14
Per dozen,	$1 15	1 40	1 70	2 10	2 50	3 00	3 60	4 30	5 20	6 00	7 20

Half to one dozen in a box.

Files.

Flat Bastard.

Inch,	4	5	6	7	8	9	10
Per dozen,	$1 15	1 40	1 70	2 10	2 50	3 10	3 60
Inch,	11	12	13	14	15	16	
Per dozen,	$4 30	5 20	6 00	7 20	8 70	10 30	

Round Bastard.

Inch,	4	5	6	7	8	9	10	12	14	16
Per dozen,	$1 15	1 40	1 70	2 10	2 50	3 10	3 60	5 20	7 20	10 30

Square Bastard.

Inch,	4	5	6	7	8	9	10	12	14	16
Per dozen,	$1 15	1 40	1 70	2 10	2 50	3 10	3 60	5 20	7 20	10 30

Half Round Bastard and Smooth.

Inch,	4	5	6	7	8	9	10
Bastard, per dozen,	$1 15	1 40	1 70	2 10	2 50	3 10	3 60
Smooth, "			2 30		3 25		4 60
Inch,	11	12	13	14	15	16	
Bastard, per dozen,	$4 30	5 20	6 00	7 20	8 70	10 30	
Smooth, "		6 40					

Half to one dozen in a box or package.

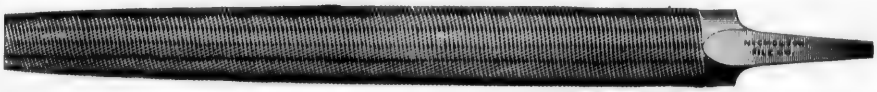
Warding.

Inch,	3	3½	4	4½	5	6
Bastard, per dozen,	$1 40	1 40	1 40	1 70	1 70	2 10
Smooth, "	2 00	2 50	2 00	2 30	2 30	2 75

One dozen in a package.

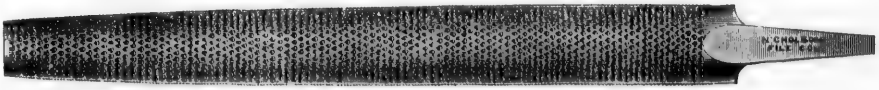
Files and Rasps.

Cabinet Files.



Inch,	6	8	10	12
Per dozen,	$2 30	3 25	4 60	6 40

Cabinet Rasps.

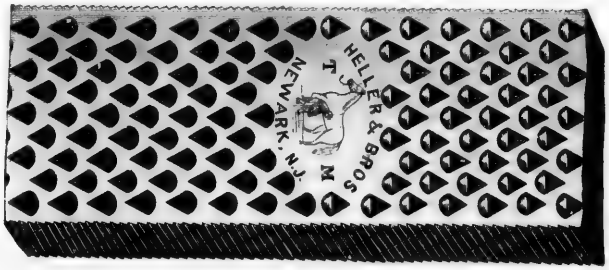


Inch,	6	8	10	12
Per dozen,	$2 30	3 25	4 60	6 40

Flat and Half Round Wood Rasps.

Inch,	8	10	12	14
Per dozen,	$3 25	4 60	6 40	8 70

Heller's Horse Rasps.



Inch,	14	15	16
Per dozen,	$12 70	15 00	17 60

Horse Mouth Rasps, - - - - - per dozen, $18 00

Half dozen in a package.

Files and Rasps.

Double Ender Hand Saw File and Handle.

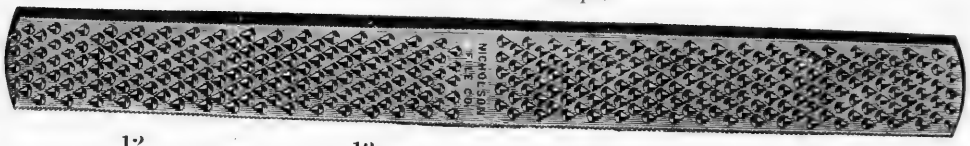
Patented January 1, 1878.

Nos.	7	8	9
Inch, (double),	3½	4	4½
Per dozen, with handles,	$2 55	2 80	3 15

Half-Round Shoe Rasps.

Inch,	8	9	10
Per dozen,	$3 10	3 60	4 30

Standard Horse Rasps.



Inch,	12	13	14	15	16
Per dozen,	$5 20	6 00	7 20	8 70	10 30

Half and one dozen in a box or package.

Canadian File List.

INCHES.	4	5	6	7	8	9	10	11	12	13	14	15	16	18
Flat, Half-Round, Round, Square, and Mill-saw Bastard	$1 15	1 40	1 70	2 10	2 50	3 10	3 60	4 30	5 20	6 00	7 20	8 70	10 30	14 50
Mill-saw, Second-cut, and Half-round, Second Cut	1 35	1 60	2 00	2 40	2 90	3 25	4 10	4 80	5 75	6 50	8 00			
Hand Bastard	1 25	1 50	2 10	2 50	2 90	3 60	4 30	5 20	6 00	7 20	8 70	10 30	12 00	
Hand Smooth	1 80	2 15	2 75	3 25	3 70	4 60	5 50	6 40	7 20	8 70	10 10	12 50	15 00	
Flat and Half-round Smooth Files, Cabinet Files and Rasps	1 60	2 00	2 30	2 80	3 25	3 70	4 60	5 50	6 40	7 20	8 70	10 10	12 50	
Flat and Half-round Wood Rasps														
Horse Rasps				2 10	2 50	3 10	3 60	4 30	5 20	6 00	7 20	8 70	10 30	
Improved Bevelled-edge Horse Rasps				2 30	2 70	3 25	4 00		5 50	6 50	8 00	9 50	11 20	
Tanged Horse Rasps									6 00	7 20	8 70	10 30	12 00	
Half-round Shoe Rasps			2 10	2 50	3 10	3 60	4 30	5 20	6 00					

INCHES.	3	3½	4	4½	5	5½	6	7	8	9	10	11	12
Three-square Taper Files	$0 95	0 95	1 10	1 20	1 30	1 40	1 80	2 30	2 90	3 70	4 70	5 70	7 00
Three-square Blunts	1 20	1 20	1 30	1 60	1 80	2 10	2 30						
Pit or Frame Saw Files				1 40	1 60	1 80	2 00	2 50	3 25	3 90	4 80	6 00	7 20

Round and Square Parallel Files, to advance one inch on their respective descriptions. Equalling and Parallel Cotter Files, Bastard, to advance one inch on Flat Bastard prices. Shoe Kit Files, $1.25 per Set.

American File List.

Adopted 1st December, 1885.

Mill and Round.				Flat and Square.				Hand, Warding and Pillar.				Half Round & Three Square.			
Inch.	Bastard	2d Cut.	Smooth.	Inch.	Bastard	2d Cut.	Smooth.	Inch.	Bastard	2d Cut.	Smooth.	Inch.	Bastard	2d Cut.	Smooth.
4	$1 80	2 15	2 40	4	$2 00	2 40	2 65	4	$2 25	2 70	3 00	4	$2 50	3 00	3 30
5	2 00	2 40	2 65	5	2 20	2 60	2 90	5	2 50	3 00	3 30	5	2 80	3 35	3 70
6	2 25	2 65	2 95	6	2 50	2 95	3 25	6	2 80	3 30	3 65	6	3 20	3 80	4 15
7	2 55	3 00	3 30	7	2 90	3 40	3 75	7	3 20	3 75	4 15	7	3 70	4 35	4 80
8	2 90	3 40	3 70	8	3 40	4 00	4 35	8	3 70	4 35	4 75	8	4 30	5 00	5 50
9	3 30	3 85	4 20	9	4 00	4 70	5 10	9	4 35	5 10	5 55	9	5 00	5 85	6 40
10	3 80	4 40	4 80	10	4 70	5 45	5 90	10	5 20	6 00	6 55	10	5 80	6 75	7 30
11	4 50	5 20	5 65	11	5 60	6 50	7 05	11	6 30	7 30	7 95	11	6 70	7 75	8 45
12	5 40	6 20	6 75	12	6 70	7 70	8 40	12	7 50	8 60	9 40	12	7 80	9 00	9 75
13	6 50	7 45	8 05	13	8 00	9 15	10 00	13	8 90	10 20	11 00	13	9 10	10 40	11 25
14	7 80	8 90	9 65	14	9 50	10 90	11 80	14	10 50	12 00	13 00	14	10 60	12 10	13 10
15	9 30	10 60	11 45	15	11 20	12 75	13 75	15	12 30	14 00	15 10	15	12 40	14 15	15 25
16	11 00	12 50	13 40	16	13 10	14 85	16 00	16	14 30	16 20	17 50	16	14 50	16 50	17 70
17	12 90	14 60	15 60	17	15 25	17 25	18 45	17	16 60	18 75	20 10	17	16 90	19 10	20 50
18	15 10	16 90	18 10	18	17 65	19 75	21 20	18	19 20	21 50	23 00	18	19 60	22 00	23 50
19	17 60	19 70	21 10	19	20 30	22 75	24 35	19	22 10	24 75	26 50	19	22 60	25 30	27 10
20	20 40	22 85	24 50	20	23 20	26 00	27 85	20	25 30	28 35	30 35	20	26 00	29 10	31 20

EXTRAS.

Mill Double Cut, advance 1 inch.
Mill Narrow Points, " 1 "
Cross Cut Saw (Blunt), " 2 "

EXTRAS.

Cant Blunt (Double Cut), advance 2 inches.

EXTRAS.

Ginsaw (Single Cut), take Bast. price.
Slotting (Blunt), advance 2 inches.

EXTRAS.

Knife, . . . advance 1 in.
High Back Half Rd. (Blunt) " 2 "
Cross (Blunt) " 2 "
Feather Edge " " 2 "

	Inch.	3	3½	4	4½	5	5½	6	7	8	9	10	11	12	13	14
Tapers,	Single Cut,	$1 10	1 10	1 20	1 40	1 70	2 00	2 40	3 00	3 80	4 60	5 70	7 20	9 00	11 00	13 20
"	Double "	1 60	1 60	1 75	2 00	2 40	2 75	3 25	4 30	4 95	5 90	7 10	8 80	10 80	12 90	15 20
Slim Tapers,	Single "	1 20	1 20	1 30	1 45	1 70	1 90	2 10	2 50	3 00	3 70	4 50	5 50	6 80	8 30	10 00
" "	Double "	1 80	1 80	1 90	2 10	2 40	2 60	2 85	3 30	3 90	4 70	5 60	6 75	8 20	9 75	11 50
Pitsaw Blunt,	Single "	2 10	2 10	2 20	2 30	2 50	2 80	3 20	3 70	4 30	5 00	5 80	6 70	7 70	.....	.....
Hooktooth "	" "	.....	.....	.....	.....	.....	.....	3 60	3 90	4 40	5 10	6 00	7 10	8 40	.....	.....

EXTRAS.
- Bandsaw, Heavy, Blunt, take Taper Double Cut Price. / Light, " " Slim Taper " " " } Taper Points same price.
- Cantsaw, Blunt, Single Cut, / Round Guilleting, " " " } take Pitsaw price.
- Round Off, " " " take Hooktooth price.
- Tapers, pointed at both ends (without handles), double the price of Slim Tapers of half their length.

American File List.

	Inch.	6	7	8	9	10	11	12	13	14	15	16	17	18
Horse Rasps.	Plain					$6 50	7 50	9 00	10 70	12 00	15 00	17 60	20 50	23 70
	Bevelled and ¾ Rasp					7 20	8 30	10 00	11 80	14 00	16 50	19 40	22 50	26 00
	Tanged					9 00	10 25	12 00	14 00	16 50	19 50	23 00		
Wood Rasps.	Half Round and Flat	$4 20	5 00	6 10	7 30	8 75	10 40	12 30	14 50	16 90	19 60	22 50		
Cabinet	Rasps	6 00	7 00	8 20	9 60	11 20	13 00	15 00	17 20	19 60	22 20	25 00		
	Files	4 20	5 00	6 10	7 30	8 75	10 40	12 30	14 50	16 90	19 60	22 50		
Shoe Rasps.	Half Round and Flat	4 60	5 30	6 10	7 00	8 00	9 10	10 30	11 60	13 00				
	Oval	5 30	6 10	7 00	8 00	9 10	10 30	11 60						

Extras. File Rasps, Flat and Half Round, take Flat and Half Round Wood Rasp price.
Wood Files, " " " " " " " " Bastard "
Last Makers' Rasps, 1 inch advance on Cabinet Rasp price.

EXTRAS (GENERAL).

One Round Edge, advance 7½ per cent., and Two Round Edges, 15 per cent. on respective Kinds and Cuts.
Blunt Files, not specified, advance one inch on respective Kinds and Cuts. Dead Smooth, double the price of Bastard Cut.
Equallings (Bellied), advance 2 inches on respective Kinds and Cuts.
Sizes Below 4 inches, not extended, take 4 inch price; ½ inches not specified, take next higher full inch price.
Rough, Coarse, Union Cut, Brass or other than Regular Cuts (not specified), made upon Regular or Standard shaped Blanks, advance one inch on respective Kinds and Cuts.
Single, or Float Cut, (not specified), on Regular Shapes, take Double Cut Price.
Irregular Goods. All lengths above those listed, and Files varying from Standard Sizes, to be classed as Irregular and subject to special prices.

Our Patent "Double Ender" Saw Files, No. 7, $2.55; No. 8, $2.80; No. 9, $3.15; No. 10, $3.70 per dozen.

English File List.

At $4.00 to the £ Sterling.

Flat, Half-Round, Square, Round, Horse Shoe Taper-Cotter. Mill Saw, one or two Square Edges. Flat and Half-Round Rasps.

Inches.	Rough and Bastard.	2nd Cut Flat and Half Rd. Rasps.	Smooth and Cabin't Files and Rasps.
	Per Doz.	Per Doz	Per Doz.
1 to 4	$0 95	$1 10	$1 35
5	1 15	1 35	1 65
6	1 40	1 65	1 90
7	1 70	1 95	2 30
8	2 10	2 40	2 70
9	2 40	2 70	3 10
10	3 00	3 40	3 80
11	3 60	4 00	4 60
12	4 30	4 80	5 30
13	5 00	5 40	6 00
14	6 00	6 60	7 20
15	7 20	7 80	8 40
16	8 60	9 40	10 40
17	10 00	11 00	12 60
18	12 00	13 00	14 80
20	16 20	17 80	19 90

Flat Files, double cut on edge to advance half inch. Mill Saw, two round edges, advance half inch. Feather Edge and Knife Files, to advance three inches.

Three-Square, Hand, Parallel Cotter, Equalling—one safe edge. Extra Thin Flat.

Round and Bastard.	2nd Cut.	Smooth.
Per Doz.	Per Doz.	Per Doz.
$1 05	$1 20	$1 50
1 25	1 50	1 80
1 70	1 95	2 30
2 10	2 40	2 70
2 40	2 70	3 10
3 00	3 40	3 80
3 60	4 00	4 60
4 30	4 80	5 30
5 00	5 40	6 00
6 00	6 60	7 20
7 20	7 80	8 40
8 60	9 40	10 40
10 00	11 00	12 60
12 00	13 00	14 80
13 60	15 00	16 80
18 60	20 20	22 60

Tanged Horse Rasps, advance one inch. Equalling and Cotter Files, extra thin, advance one inch.

Best Refined Cast Steel Saw Files.

Taper Saw Files.

Inches.	2nd Cut. Single.	2nd Cut. Double.
	Per Doz.	Per Doz.
1 to 3½	$0 80.	$0 95
4	0 90	1 05
4½	1 00	1 20
5	1 10	1 30
5½	1 30	1 50
6	1 50	1 70
7	1 90	2 20
8	2 40	2 70
9	3 10	3 40
10	3 90	4 20
12	5 80	6 20

Chopping Axes.

"The Ontario."

The ONTARIO, Gold Bronzed, Extra Refined English Cast Steel,	per dozen,	$9 75
The same Axes, handled, - - - -	"	14 25

Assorted weights, 3½ to 4½ lbs., 3¾ to 4¾ lbs., 4 to 5 lbs

One dozen in a box.

Chopping Axes.

"The Toronto."

Beveled Edge.

The TORONTO, Gold Bronzed, Extra Refined English Cast Steel, per dozen, $10 15

Assorted weights, 3½ to 4½ lbs., 3¾ to 4¾ lbs., 4 to 5 lbs.

One dozen in a box.

Chopping Axes.

"The Forest Queen."

Beveled Edge.

The FOREST QUEEN, Gold Bronzed, the very Finest Grade of Firth's Cast Steel, - - - - - - per dozen, $13 50

Assorted weights, 3½ to 4½ lbs., 3¾ to 4¾ lbs., 4 to 5 lbs.

One dozen in a box.

st
en, $13 50

Chopping Axes.

"The Gladstone."

ALL STEEL, FULL POLISHED.

For Quality and Finish this Axe Cannot be Excelled.

The GLADSTONE, Full Polished, Highest Grade of Firth's Cast Steel, per dozen, $18 00

Assorted weights, 3½ to 4½ lbs., 3¾ to 4¾ lbs., 4 to 5 lbs.

One dozen in a box.

Chopping Axes.

"The Pioneer."

ALL STEEL, FULL POLISHED.

Beveled Edge.

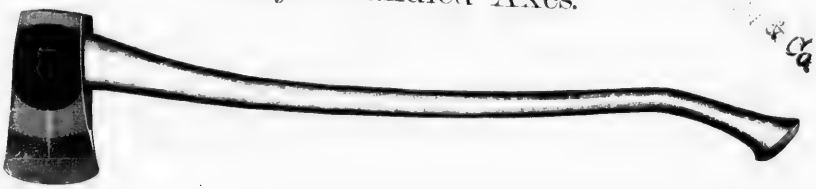
FOR QUALITY AND FINISH THIS AXE CANNOT BE EXCELLED.

The PIONEER, Full Polished, Highest Grade of Firth's Cast Steel, per dozen, $18 00

Assorted weights, 3½ to 4½ lbs., 3¾ to 4¾ lbs., 4 to 5 lbs.

One dozen in a box.

Boys' Handled Axes.



Boys' Handled Axes, Gold Bronzed, - - - per dozen, $10 50

Assorted weights, 2½ to 3 lbs.

Hunters' Handled Hatchets.

Hunters' Handled Hatchets, Gold Bronzed, - - - per dozen, $8 62

Assorted weights, 1¾ to 2 lbs.

One dozen in a box.

Warnock & Co.'s Broad Axes.

Regular or Western Pattern.

Gold Bronzed.

THESE AXES ARE THOROUGHLY WELL MADE, AND CAREFULLY SET AND TEMPERED.

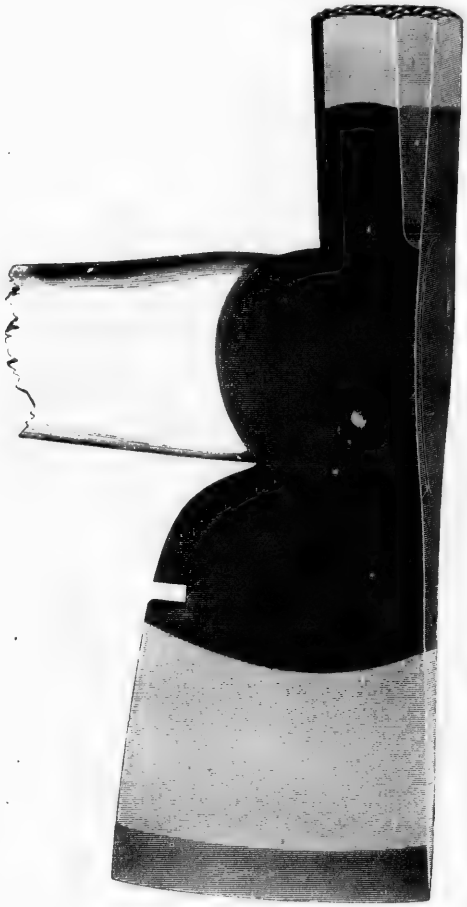
5½ to 7½ lbs.,	per dozen,	$35 00
7¾ to 9¼ lbs.,	"	38 50
9½ to 12 lbs.,	"	44 50

Warnock & Co.'s Handled Bench Axes.

No. 3, Cast Steel, Steel Head, Gold Bronzed, 5 inch Cut,	-	per dozen,	$13 00
No. 4, Cast Steel, Steel Head, Gold Bronzed, 5½ inch Cut,	-	"	14 50
No. 5, Cast Steel, Steel Head, Gold Bronzed, 6 inch Cut,	-	"	16 00
No. 6, Cast Steel, Steel Head, Gold Bronzed, 6¾ inch Cut,	-	"	18 00
No. 7, Cast Steel, Steel Head, Gold Bronzed, 7½ inch Cut,	-	"	19 50
No. 8, Cast Steel, Steel Head, Gold Bronzed, 8¼ inch Cut,	-	"	22 00

Half dozen in a box.

Lathing Hatchets.

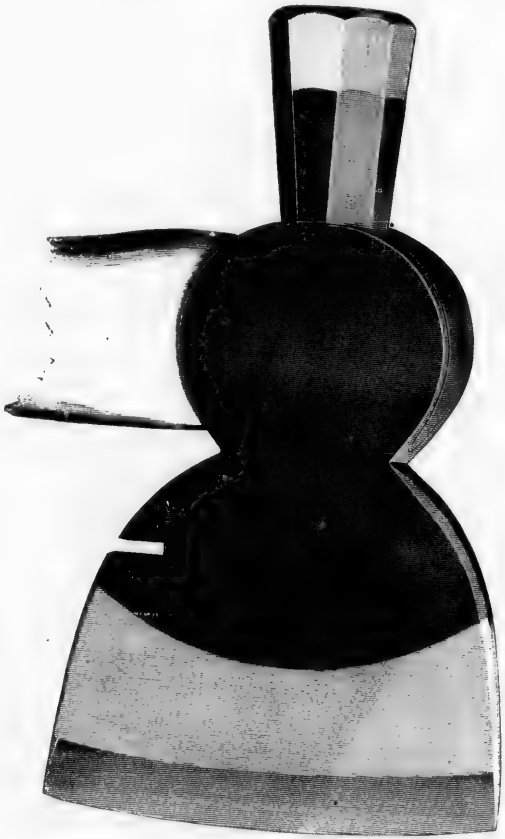


Full Size Cut of Nos. 1 and 3.

No. 1,	Warnock & Co.'s Cast Steel, Gold Bronzed,	per dozen,	$8 25
No. 3,	Warren's Cast Steel, Gold Bronzed,	"	6 40

Half dozen in a box.

Shingling Hatchets.



Full Size Cut of No. 1.

No. 1,	Warnock & Co.'s Cast Steel, Gold Bronzed, $3\frac{1}{4}$ inch Cut, -	per dozen,	$9 50
No. 1,	Warren's Cast Steel, Gold Bronzed, $3\frac{1}{4}$ inch Cut, -	"	7 50
No. 2,	Warren's Cast Steel, Gold Bronzed, $3\frac{3}{4}$ inch Cut, - -	"	8 00

Can supply larger sizes when required.

Half dozen in a box.

Claw Hatchets.

Full Size Cut of Nos. 1 and 7.

No. 1,	Warnock & Co.'s Cast Steel, Gold Bronzed, $3\frac{1}{4}$ inch Cut,	per dozen,	$10 50
No. 7,	Warren's Cast Steel, Gold Bronzed, $3\frac{1}{4}$ inch Cut,	"	8 50
No. 8,	Warren's Cast Steel, Gold Bronzed, $3\frac{3}{4}$ inch Cut,	"	9 00

Can supply larger sizes when required.

Half dozen in a box.

Shingling Hatchets.

Underhill's Pattern.

No. 9, Solid Cast Steel, Full Polished, 3¼ inch Cut, - per dozen, $12 00

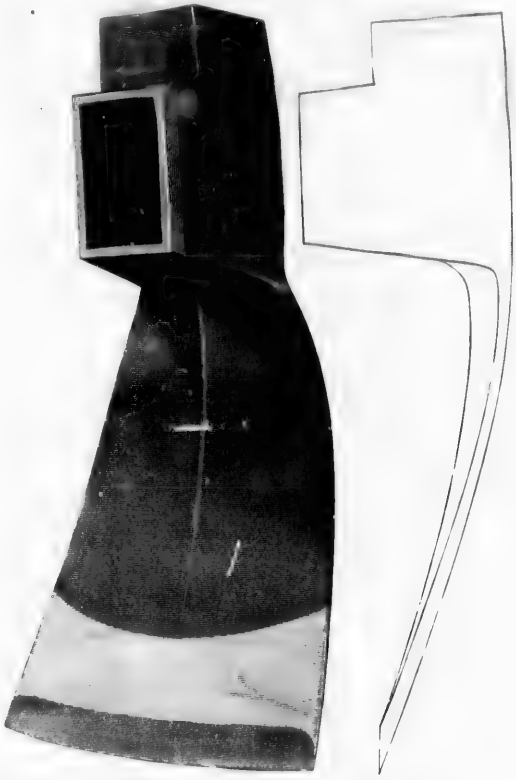
Lathing Hatchets.

Underhill's Pattern.

No. 10, Solid Cast Steel, Full Polished, - - per dozen, $12 00

Half dozen in a box.

House Carpenters' Adzes.



No. 1, Warnock & Co.'s Star, Cast Steel, Iron Head, Gold Bronzed, 4½ inch Cut, per dozen, $18 00

No. 1, Warnock & Co.'s Cast Steel, Steel Head, Gold Bronzed, 4½ inch Cut, per dozen, 21 00

No. 2, Warnock & Co.'s Cast Steel, Steel Head, Gold Bronzed, 4¾ inch Cut, per dozen, 24 00

Railroad, Warnock & Co.'s Cast Steel, Steel Head, Gold Bronzed, 5 inch Cut, per dozen, 27 00

Half dozen [illegible] box.

$18 00

21 00

24 00

27 00

Warnock & Co.'s Ship Carpenters' Axes.

Cast Steel, Steel Head, Gold Bronzed, - - - per dozen, $30 00

Warnock & Co.'s Ship Carpenters' Adzes.

Plain, Cast Steel, Steel Head, Gold Bronzed, 4¼ inch Cut, -	per dozen,	$21 00
Lipped, Cast Steel, Steel Head, Gold Bronzed, - - -	"	24 00
Solid Cast Steel Ship Carpenters' Mauls, 4 to 6 lbs., -	per lb.,	0 35
Solid Cast Steel Caulking Irons, Plain, - - -	per dozen,	10 00
Solid Cast Steel Caulking Irons, Grooved, - -	"	11 00

Cast Steel Tanged Firmer Chisels.

W. Marples & Sons, Sheffield.

Inch,	$\frac{1}{8}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\frac{7}{16}$	$\frac{1}{2}$	$\frac{5}{8}$
Length of Blade,	$4\frac{1}{8}$	$4\frac{1}{8}$	$4\frac{3}{8}$	$4\frac{1}{2}$	$4\frac{5}{8}$	$4\frac{3}{4}$	$4\frac{7}{8}$	$5\frac{1}{8}$ inches.
Per dozen,	$1 35	1 35	1 35	1 45	1 52	1 68	1 76	1 92
Inch,	$\frac{3}{4}$	$\frac{7}{8}$	1	$1\frac{1}{8}$	$1\frac{1}{4}$	$1\frac{1}{2}$	$1\frac{3}{4}$	2
Length of Blade,	$5\frac{1}{4}$	$5\frac{3}{8}$	$5\frac{5}{8}$	$6\frac{1}{8}$	$6\frac{1}{4}$	$6\frac{3}{4}$	7	$7\frac{1}{2}$ inches.
Per dozen,	$2 08	2 40	2 56	3 20	3 52	4 32	5 28	6 40

Cast Steel Tanged Paring Chisels.

W. Marples & Sons, Sheffield.

Inch,	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1	$1\frac{1}{4}$	$1\frac{1}{2}$	$1\frac{3}{4}$	2
Length of Blade,	$7\frac{7}{8}$	8	$8\frac{1}{4}$	$8\frac{1}{2}$	$8\frac{3}{4}$	$9\frac{1}{8}$	$9\frac{1}{2}$	$9\frac{7}{8}$	$10\frac{1}{2}$	$10\frac{7}{8}$	$11\frac{3}{8}$ inches.
Per dozen,	$2 40	2 50	2 75	3 05	3 45	3 60	4 50	6 10	7 40	8 35	10 75

Cast Steel Tanged Firmer and Paring Chisels.

W. Marples & Sons, Sheffield.

BEVELED EDGE.

Tanged Firmer Chisels.

Inch,	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1	$1\frac{1}{4}$	$1\frac{1}{2}$	$1\frac{3}{4}$	2
Length of Blade,	$4\frac{1}{8}$	$4\frac{5}{8}$	$4\frac{3}{4}$	$5\frac{1}{8}$	$5\frac{1}{4}$	$5\frac{3}{8}$	$5\frac{1}{2}$	$6\frac{1}{4}$	$6\frac{3}{4}$	$6\frac{7}{8}$	$7\frac{1}{2}$ inches.
Per dozen,	$3 10	3 30	3 55	3 70	3 85	4 15	4 35	5 95	6 75	8 50	9 60

In sets of twelve Chisels, $\frac{1}{8}$ to 2 inch, - - - per set, $5 05

Tanged Paring Chisels.

Inch,	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1	$1\frac{1}{4}$	$1\frac{1}{2}$	$1\frac{3}{4}$	2
Length of Blade,	8	$8\frac{1}{8}$	$8\frac{3}{8}$	$8\frac{3}{4}$	9	$9\frac{1}{2}$	$9\frac{3}{4}$	$10\frac{1}{4}$	11	$11\frac{1}{4}$	$13\frac{3}{4}$ inches.
Per dozen,	$4 20	4 25	4 50	4 80	5 20	5 45	6 25	8 50	9 80	11 85	13 95

In sets of twelve Chisels, $\frac{1}{8}$ to 2 inch, - - - per set, $7 05

Chisels priced by the dozen in quarter and half dozen packages.

Cast Steel Tanged Turning Chisels.

W. Marples & Sons, Sheffield.

Inch,	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1	$1\frac{1}{4}$	$1\frac{1}{2}$	$1\frac{3}{4}$	2
Length of Chisel,	$10\frac{1}{8}$	$10\frac{1}{8}$	$10\frac{1}{4}$	$10\frac{5}{8}$	$10\frac{3}{4}$	$10\frac{7}{8}$	$11\frac{1}{2}$	$11\frac{7}{8}$	$12\frac{1}{4}$	$13\frac{1}{8}$	$13\frac{1}{2}$ inches.
Per dozen,	$1 95	2 10	2 35	2 60	2 90	3 20	3 70	4 65	5 95	7 20	8 50

Cast Steel Tanged Firmer Gouges.

W. Marples & Sons, Sheffield.

Inch,	$\frac{1}{8}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\frac{7}{16}$	$\frac{1}{2}$	$\frac{5}{8}$
Length of Blade,	$4\frac{5}{16}$	$4\frac{5}{16}$	$4\frac{3}{8}$	$4\frac{5}{8}$	$4\frac{5}{8}$	$4\frac{3}{4}$	$4\frac{3}{4}$	$5\frac{1}{4}$ inches.
Per dozen,	$1 68	1 68	1 68	1 75	1 85	2 00	2 10	2 25

Inch,	$\frac{3}{4}$	$\frac{7}{8}$	1	$1\frac{1}{4}$	$1\frac{1}{2}$	$1\frac{3}{4}$	2
Length of Blade,	$5\frac{1}{4}$	$5\frac{3}{8}$	$5\frac{5}{8}$	$6\frac{3}{8}$	$6\frac{5}{8}$	7	$7\frac{3}{8}$ inches.
Per dozen,	$2 50	2 80	3 00	4 15	5 15	6 25	7 70

Incanneled.

Inch,	$\frac{1}{8}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\frac{7}{16}$	$\frac{1}{2}$	$\frac{5}{8}$
Length of Blade,	$4\frac{5}{16}$	$4\frac{5}{16}$	$4\frac{3}{8}$	$4\frac{5}{8}$	$4\frac{5}{8}$	$4\frac{3}{4}$	$4\frac{3}{4}$	$5\frac{1}{4}$ inches.
Per dozen,	$1 75	1 75	1 75	1 85	1 95	2 10	2 20	2 35

Inch,	$\frac{3}{4}$	$\frac{7}{8}$	1	$1\frac{1}{4}$	$1\frac{1}{2}$	$1\frac{3}{4}$	2
Length of Blade,	$5\frac{1}{4}$	$5\frac{3}{8}$	$5\frac{5}{8}$	$6\frac{3}{8}$	$6\frac{5}{8}$	7	$7\frac{3}{8}$ inches.
Per dozen,	$2 60	2 90	3 10	4 25	5 25	6 35	7 80

Quarter and half dozen packages.

Cast Steel Tanged Paring Gouges.

W. Marples & Sons, Sheffield.

Inch,	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$
Length of Blade,	$7\frac{7}{8}$	$8\frac{1}{8}$	$8\frac{5}{16}$	$8\frac{5}{8}$	$9\frac{1}{8}$	$9\frac{1}{4}$ inches.
Per dozen,	$4 10	4 15	4 40	4 75	5 15	5 40

Inch,	1	$1\frac{1}{4}$	$1\frac{1}{2}$	$1\frac{3}{4}$	2
Length of Blade,	$9\frac{3}{8}$	10	$10\frac{1}{2}$	11	$11\frac{3}{8}$ inches.
Per dozen,	$6 20	8 20	9 45	11 55	13 45

Cast Steel Tanged Turning Gouges.

W. Marples & Sons, Sheffield.

Inch,	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$
Length of Blade,	$9\frac{3}{4}$	10	$10\frac{1}{2}$	11	11	$11\frac{3}{4}$ inches.
Per dozen,	$2 50	2 80	3 15	3 40	3 95	4 50

Inch,	1	$1\frac{1}{4}$	$1\frac{1}{2}$	$1\frac{3}{4}$	2
Length of Blade,	$11\frac{3}{4}$	$11\frac{3}{4}$	$12\frac{1}{4}$	$12\frac{7}{8}$	$13\frac{1}{2}$ inches.
Per dozen,	$5 05	6 60	8 60	10 10	12 35

Quarter and half dozen in a package.

Solid Cast Steel Extra Socket Firmer Chisels.

$6\frac{1}{2}$ Inch Blade.

American.

Inch,	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$
Per dozen,	$8 00	8 00	8 00	9 00	10 00	11 00
Inch,	$\frac{7}{8}$	1	$1\frac{1}{4}$	$1\frac{1}{2}$	$1\frac{3}{4}$	2
Per dozen,	$11 00	12 00	13 00	14 00	15 00	16 00

Assorted in Sets.

$\frac{1}{8}$ to 2 inch, 12 Chisels (1 each of above sizes), - - -	per set,	$11 25
$\frac{1}{8}$ to 2 inch, 10 Chisels (1 each $\frac{1}{8}$, $\frac{1}{4}$, $\frac{3}{8}$, $\frac{1}{2}$, $\frac{5}{8}$, $\frac{3}{4}$, 1, $1\frac{1}{4}$, $1\frac{1}{2}$, and 2 inch),	"	9 10
$\frac{1}{8}$ to 2 inch, 8 Chisels (1 each $\frac{1}{4}$, $\frac{3}{8}$, $\frac{1}{2}$, $\frac{3}{4}$, 1, $1\frac{1}{4}$, $1\frac{1}{2}$ and 2 inch), -	"	8 25

One dozen, also one set, in a box.

Warnock & Co.'s Cast Steel Socket Firmer Chisels.

6½ Inch Blade.

Inch,	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$
Per dozen,	$4 00	4 25	4 50	4 75	5 00	5 50
Inch,	$\frac{7}{8}$	1	$1\frac{1}{4}$	$1\frac{1}{2}$	$1\frac{3}{4}$	2
Per dozen,	$5 75	6 00	6 50	7 00	8 00	8 75

Assorted in Sets.

$\frac{1}{8}$ to 2 inch, 12 Chisels (1 each of the above sizes), - - - per set, $6 00
$\frac{1}{8}$ to 2 inch, 10 Chisels (1 each $\frac{1}{8}$, $\frac{1}{4}$, $\frac{3}{8}$, $\frac{1}{2}$, $\frac{5}{8}$, $\frac{3}{4}$, 1, $1\frac{1}{4}$, $1\frac{1}{2}$ and 2 inch), " 5 00
$\frac{1}{8}$ to 2 inch, 8 Chisels (1 each $\frac{1}{4}$, $\frac{3}{8}$, $\frac{1}{2}$, $\frac{3}{4}$, 1, $1\frac{1}{4}$, $1\frac{1}{2}$ and 2 inch), " 4 00

If feather edged add $2.25 per dozen.

One dozen, also one set, in a box.

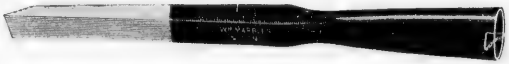
Warnock & Co.'s Cast Steel Socket Framing Chisels.

9 Inch Blade.

Bevel Back.

Inch,	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1	$1\frac{1}{4}$	$1\frac{1}{2}$	$1\frac{3}{4}$	2
Per doz.,	$6 50	6 50	6 50	7 00	7 25	7 75	8 75	9 50	10 50	11 00	12 00

Blued Socket Joiners' Chisels.



Inch,	$\frac{1}{2}$	$\frac{3}{4}$	$\frac{7}{8}$	1	$1\frac{1}{4}$	$1\frac{1}{2}$	$1\frac{3}{4}$	2	
Length of Chisel,	$9\frac{5}{8}$	$9\frac{5}{8}$	$9\frac{3}{4}$	$9\frac{3}{4}$	$10\frac{1}{8}$	$10\frac{1}{4}$	$10\frac{3}{4}$	$10\frac{3}{4}$	inches.
Per dozen,	$3 15	3 70	3 85	4 20	5 00	5 60	6 40	7 30	

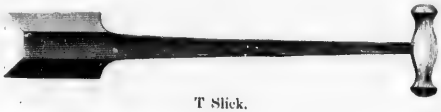
Half dozen in a box or package.

Warnock & Co.'s Cast Steel Corner Chisels.

Inch,	$\frac{3}{4}$	$\frac{7}{8}$	1	$1\frac{1}{8}$	$1\frac{1}{4}$	$1\frac{1}{2}$
Per dozen,	$15 00	16 00	17 00	18 00	19 50	22 00

Half dozen in a box.

Warnock & Co.'s Carpenters' Cast Steel Slicks.



T Slick.

Socket Slick.

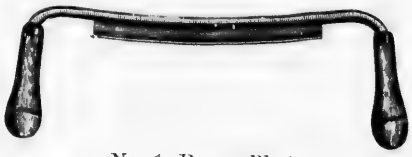
Socket.

Inch,	3	$3\frac{1}{4}$	$3\frac{1}{2}$	$3\frac{3}{4}$	4
Per dozen,	$20 00	21 00	22 00	23 50	25 00

T.

Inch,	3	$3\frac{1}{4}$	$3\frac{1}{2}$	$3\frac{3}{4}$	4
Per dozen,	$20 00	21 00	22 00	23 50	25 00

Warnock & Co.'s Carpenters' Cast Steel Drawing Knives.



No. 1, Razor Blade.

Inch,	7	8	9	10	11	12
Per dozen,	$9 00	11 00	12 00	13 25	14 50	15 50

Half dozen in a box.

American Carpenters' Cast Steel Drawing Knives.

Oval Blade.

Inch,	8	9	10	11	12
Per dozen,	$7 20	7 60	8 00	8 40	8 80

Half dozen in a package.

Warnock & Co.'s Waggon Makers' Cast Steel Drawing Knives.

Inch,	8	9	10	11	12
Per dozen,	$11 50	12 50	13 50	14 75	15 50

Warnock & Co.'s Coach Makers' Cast Steel Drawing Knives.

Inch,	5	6	7	8	9	10
Per dozen,	$8 25	8 75	9 50	11 00	12 00	13 25

Half dozen in a box.

Warnock & Co.'s Cast Steel Hoop Knives.

With Heavy Walnut Handles.

Inch,	7	8	9
Per dozen,	$12 25	13 00	13 75

American Cast Steel Shingle Knives.

Inch,	12	14	16
Per dozen,	$25 00	30 00	35 00

Cast Steel Plane Irons.

W. Marples & Sons, Sheffield.

Inch,	2	$2\frac{1}{8}$	$2\frac{1}{4}$	$2\frac{3}{8}$	$2\frac{1}{2}$	$2\frac{5}{8}$	$2\frac{3}{4}$
Single Cut, per dozen,	$3 20	3 40	3 85	4 25	4 50	5 05	5 60
Double, "	5 95	6 20	6 80	7 45	8 00	8 65	9 40

Single Cut, half dozen in a package; Double, quarter dozen.

Cast Steel Plane Irons for STEERS' Patent Planes.

Inch,	$1\frac{3}{4}$	2	$2\frac{1}{8}$	$2\frac{1}{4}$	$2\frac{3}{8}$
Per dozen,	$7 20	8 00	9 00	9 60	10 80

Cast Steel Plane Irons for BAILEY Planes.

Inch,	$1\frac{1}{4}$	$1\frac{5}{8}$	$1\frac{3}{4}$	2	$2\frac{1}{8}$	$2\frac{3}{8}$	$2\frac{5}{8}$
Single, per dozen,	$2 40	3 00	3 40	3 60	4 00	4 50	4 80
Double, "	4 80	5 40	6 00	6 60	7 20	7 80	8 40

We keep the single only in stock.

Cast Steel Plane Irons for Block Planes.

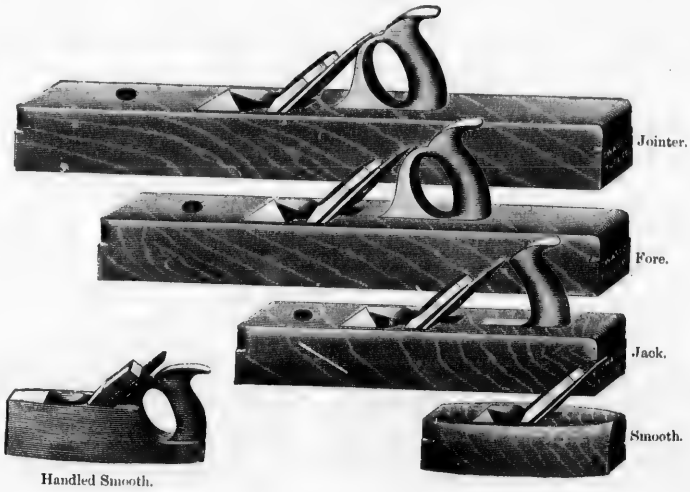
For Nos.	$9\frac{1}{2}$	$9\frac{3}{4}$	15	$15\frac{1}{2}$	101	102	103	110	120	130
Per dozen,	$2 40	2 40	2 40	2 40	0 75	1 50	1 50	2 00	2 00	2 05

For Nos.	0	$0\frac{1}{2}$	1	$1\frac{1}{4}$	$1\frac{1}{2}$	$1\frac{3}{4}$	2	$2\frac{1}{4}$	$2\frac{1}{2}$
Per dozen,	$4 20	4 20	4 20	4 20	4 20	4 20	4 20	4 20	4 20

In ordering please state No. of plane for which the irons are wanted.

Wood Planes.

Bench.



Smooth, 2 inch, Double Irons,	each,	$0 98
Smooth, $2\frac{1}{8}$ inch, Double Irons,	"	1 05
Smooth, $2\frac{1}{4}$ inch, Double Irons,	"	1 10
Smooth, $2\frac{1}{4}$ inch, Double Irons, Solid Handle,	"	1 70
Jack, 2 inch, Double Irons,	"	1 20
Jack, $2\frac{1}{8}$ inch, Double Irons,	"	1 25
Jack, $2\frac{1}{4}$ inch, Double Irons,	"	1 30
Jack, $2\frac{3}{8}$ inch, Double Irons,	"	1 40
Fore, $2\frac{3}{8}$ inch, Double Irons, 22 inch,	"	1 75
Fore, $2\frac{1}{2}$ inch, Double Irons, 22 inch,	"	1 85
Jointer, $2\frac{1}{2}$ inch, Double Irons, 26 inch,	"	2 00
Jointer, $2\frac{1}{2}$ inch, Double Irons, 28 inch,	"	2 15
Jointer, $2\frac{1}{2}$ inch, Double Irons, 30 inch,	"	2 25

Wood Planes.

Match.

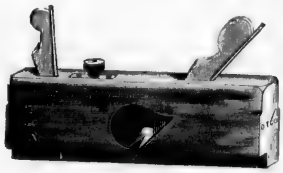
Skew Rabbet.

$\frac{3}{8}$ inch, Board Match,	per pair,	$1 20
$\frac{1}{2}$ and $\frac{5}{8}$ inch, Board Match,	"	1 30
$\frac{3}{4}$ inch, Board Match,	"	1 40
$\frac{7}{8}$ inch, Board Match,	"	1 50
1 inch, Board Match,	"	1 60

Can supply iron faced and twin match on short notice.

$\frac{1}{2}$ to 1 inch, Skew Rabbet,	each,	$0 65
$1\frac{1}{4}$ inch, Skew Rabbet,	"	0 70
$1\frac{1}{2}$ inch, Skew Rabbet,	"	0 75
$1\frac{3}{4}$ inch, Skew Rabbet,	"	0 80
2 inch, Skew Rabbet,	"	0 90

Dado. Screw Stop.



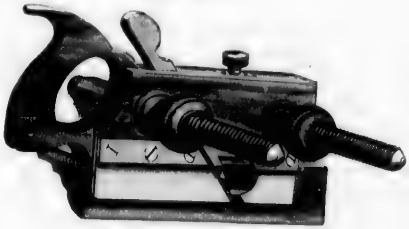
Nosing.

$\frac{1}{4}$ to $\frac{3}{4}$ inch, Dado with Brass Screw Stop,	each,	$1 60
$\frac{7}{8}$ to 1 inch, Dado with Brass Screw Stop,	"	1 65
$1\frac{1}{4}$ inch, Nosing for Steps, 2 Irons,	"	1 40
$1\frac{3}{8}$ inch, Nosing for Steps, 2 Irons,	"	1 45
$1\frac{1}{2}$ inch, Nosing for Steps, 2 Irons,	"	1 50

Wood Planes.

Sash.

Panel Plow.



Sash, Double, with Iron Screws, Ovolo,	each,	$2 50
Sash, Double, with Screw Arms, Ovolo,	"	2 75
When Boxed, extra,	"	0 25
No. 180, Plow, 8 Irons, Beech, Screw Stop, with Ironwood Screw Arms,	"	6 00
No. 181, Plow, 8 Irons, Beech, Screw Stop, with Ironwood Screw Arms, Hdld.,	"	7 00
No. 183, Plow, 8 Irons, Beech, Screw Stop, with Boxwood Screw Arms, Hdld.,	"	8 50

Side Bead.

Hollows and Rounds.

Set of nine pairs.

Centre Bead.

Hollows and Rounds.

Nos.	2	4	6	8	10	12	14	16	18	20
Inch,	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1	$1\frac{1}{4}$	$1\frac{1}{2}$	$1\frac{3}{4}$
Per pair,	$1 10	1 10	1 10	1 10	1 15	1 15	1 20	1 30	1 35	1 40

Side Beads.

Inch,	$\frac{1}{8}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\frac{7}{16}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1
Each,	$0 60	0 60	0 60	0 60	0 60	0 60	0 60	0 65	0 70	0 80	0 90

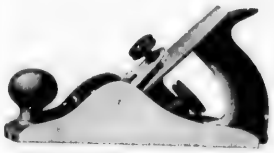
Centre Beads.

Inch,	$\frac{1}{8}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\frac{7}{16}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1
Each,	$0 70	0 70	0 70	0 80	0 80	0 80	0 80	0 90	0 95	1 00	1 10

Steer's Patent Adjustable Iron Planes.

Heavy Cutting Iron, Adjustable Mouth.

EVERY PLANE FULLY WARRANTED.



Nos. 303 and 304.

Nos. 305, 306 and 307.

Cut showing the Composite Bottom.

No. 303, Smooth, 8 inches long, $1\frac{3}{4}$ inch Cutter,	each,	$3 00
No. 304, Smooth, 9 inches long, 2 inch Cutter,	"	3 25
No. 305, Jack, 14 inches long, $2\frac{1}{8}$ inch Cutter,	"	3 75
No. 306, Fore, 18 inches long, $2\frac{1}{4}$ inch Cutter,	"	4 75
No. 307, Jointer, 22 inches long, $2\frac{3}{8}$ inch Cutter,	"	5 50

The composite bottom is formed of strips of hardwood securely dovetailed into the iron in such a manner as to avoid wear. It effectually prevents the plane clinging to the work.

Stanley's Patent Iron Block Planes.

No. 101.

Nos. 102 and 103.

No. 101, Block, $3\frac{1}{2}$ inches long, 1 inch Cutter,	each,	$0 20
No. 102, Block, $5\frac{1}{2}$ inches long, $1\frac{1}{4}$ inch Cutter,	"	0 40
No. 103, Adjustable Block, $5\frac{1}{2}$ inches long, $1\frac{1}{4}$ inch Cutter,	"	0 60

One in a box.

Stanley's Patent Iron Block Planes.

Nos. 110 and 120.

No. 130.

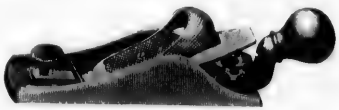
No. 110, Block, $7\frac{1}{2}$ inches long, $1\frac{3}{4}$ inch Cutter, - - - each, $0 60
No. 120, Adjustable Block, $7\frac{1}{2}$ inches long, $1\frac{3}{4}$ inch Cutter, - " 0 85
No. 130, Block, Double Ender, 8 inches long, $1\frac{3}{4}$ inch Cutter, - " 0 80

The No. 130 has two slots or cutter seats, and can be used as a block plane, or by reversing the position of the cutter and clamping wedge see the dotted lines in the cut it can be used to plane close up into corners, or places difficult to reach with any other plane.

Iron Block Planes.

Bailey's Patent.

Nos. $9\frac{1}{2}$ and 15.



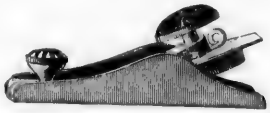
Nos. $9\frac{3}{4}$ and $15\frac{1}{2}$.

No. $9\frac{1}{2}$, Adjustable Block, 6 inches long, $1\frac{3}{4}$ inch Cutter, - - each, $1 50
No. 15, Adjustable Block, 7 inches long, $1\frac{3}{4}$ inch Cutter, - - " 1 60
No. $9\frac{3}{4}$, Adjustable Block, 6 inches long, $1\frac{3}{4}$ inch Cutter, with Rosewood Handle, each, 1 75
No. $15\frac{1}{2}$, Adjustable Block, 7 inches long, $1\frac{3}{4}$ inch Cutter, with Rosewood Handle, each, 1 85

Leonard Bailey's Patent.

Victor.

Nos. 0 and $0\frac{1}{2}$.



Nos. 1 and 2.

No. 0, Block, 7 inches long, $1\frac{3}{4}$ inch Cutter, - - - - each, $0 70
No. $0\frac{1}{2}$, Adjustable Block, 7 inches long, $1\frac{3}{4}$ inch Cutter, - - " 1 00
No. 1, Adjustable Mouth and Cutter Block, 6 inches long, $1\frac{3}{4}$ inch Cutter, " 1 50
No. 2, Adjustable Mouth and Cutter Block, 7 inches long, $1\frac{3}{4}$ inch Cutter, " 1 75

One in a box.

Iron Block Planes.

Victor.

Nos. 1¼ and 2¼.

Chaplin Patent.

No. 20.

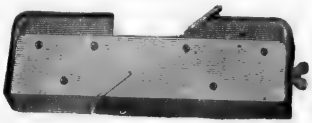
No. 1¼, Adjustable Mouth and Cutter Block, 6 inches long, 1¾ inch Cutter, with Iron Handle, - - - - - each, $1 75

No. 2¼, Adjustable Mouth and Cutter Block, 7 inches long, 1¾ inch Cutter, with Iron Handle, - - - - - each, 2 00

No. 20, Adjustable Block, 6½ inches long, 1⅝ inch Cutter, - - " 1 40

Stanley Patent Rabbet Planes.

No. 75.



Nos. 80 and 90.

No. 75, Bull Nose Rabbet, Iron Stock, 4 inches long, 1 inch Cutter, - each, $0 75

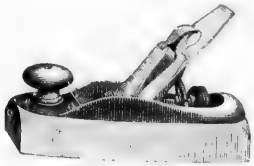
No. 80, Skew Rabbet, Steel Case, 9 inches long, 1½ inch Cutter, - " 1 10

No. 90, Skew Rabbet, Steel Case, 9 inches long, 1½ inch Cutter, with Spur, " 1 25

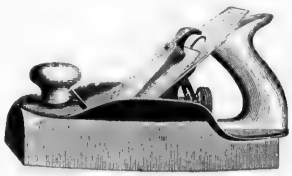
One in a box.

Bailey's Patent Adjustable Planes.

Wood.

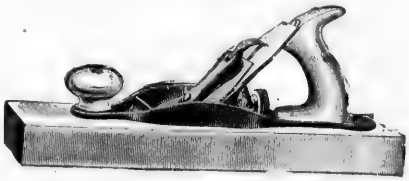


No. 24.



Nos. 35 and 36.

No. 24,	Smooth, 8 inches long, 2 inch Cutter,	each,	$2 00
No. 25,	Block, $9\frac{1}{2}$ inches long, $1\frac{3}{4}$ inch Cutter,	"	2 00
No. 35,	Handled Smooth, 9 inches long, 2 inch Cutter,	"	2 50
No. 36,	Handled Smooth, 10 inches long, $2\frac{3}{8}$ inch Cutter,	"	2 75
No. 37,	Jenny Smooth, 10 inches long, $2\frac{5}{8}$ inch Cutter,	"	3 00



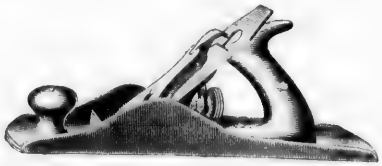
Nos. 26 to 33.

No. 26,	Jack, 15 inches long, 2 inch Cutter,	each,	$2 25
No. 27,	Jack, 15 inches long, $2\frac{1}{8}$ inch Cutter,	"	2 50
No. 29,	Fore, 20 inches long, $2\frac{3}{8}$ inch Cutter,	"	2 75
No. 30,	Jointer, 22 inches long, $2\frac{3}{8}$ inch Cutter,	"	3 00
No. 31,	Jointer, 24 inches long, $2\frac{3}{8}$ inch Cutter,	"	3 00
No. 32,	Jointer, 26 inches long, $2\frac{5}{8}$ inch Cutter,	"	3 25
No. 33,	Jointer, 28 inches long, $2\frac{5}{8}$ inch Cutter,	"	3 25

☞ Extra plane woods of every style can be supplied cheaply.

Iron.

Nos. 3 and 4.



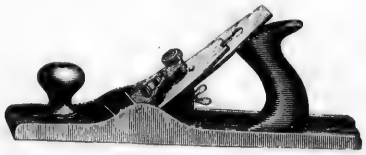
Nos. 5 and 7.

No. 3,	Smooth, 8 inches long, $1\frac{3}{4}$ inch Cutter,	each,	$3 00
No. 4,	Smooth, 9 inches long, 2 inch Cutter,	"	3 25
No. 5,	Jack, 14 inches long, 2 inch Cutter,	"	3 75
No. 6,	Fore, 18 inches long, $2\frac{3}{8}$ inch Cutter,	"	4 75
No. 7,	Jointer, 22 inches long, $2\frac{3}{8}$ inch Cutter,	"	5 50

One in a box.

Stanley's Patent Adjustable Steel Planes.

No. 104.

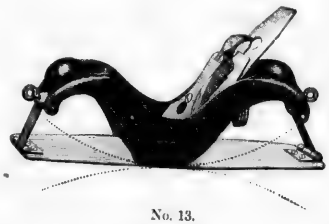


No. 105.

No. 104, Smooth, 9 inches long, $2\frac{1}{8}$ inch Cutter, - - - each, $2 75
No. 105, Jack, 14 inches long, $2\frac{1}{8}$ inch Cutter, - - " 3 50

Adjustable Iron Planes.

Circular.



No. 13.

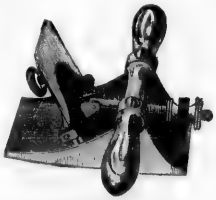
No. 113.

No. 13, Adjustable Circular, $1\frac{3}{4}$ inch Cutter, - - - - each, $4 00
No. 113, Improved Adjustable Circular, $1\frac{3}{4}$ inch Cutter, - - " 4 00

No. 13 has a Flexible Steel Face, and by means of the thumb screws at each end of the stock, can be easily adapted to plane circular work—either concave or convex.

No. 113 has a Flexible Steel Face, which can be easily shaped to any required arc, either concave or convex, by turning the Knob on the front of the Plane. The Knob is attached to a double-acting screw, which moves two levers properly connected by gears, thus controlling accurately both ends of the flexible face. By the peculiar construction of the Plane, a smaller arc, either concave or convex, can be obtained by this Plane than by any other similar tool.

Veneer Scraper.

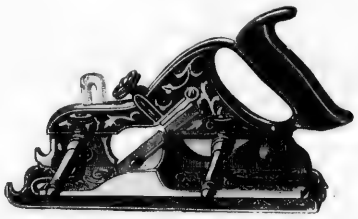


No. 12.

No. 12, Adjustable Veneer Scraper, 3 inch Cutter, - - each, $3 50

One in a box.

Miller's Patent Combined Plow, Filletster, and Matching Plane.

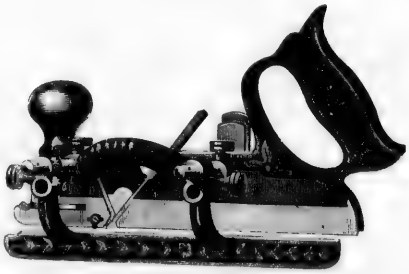


No. 41, Iron Stock and Fence, including Plow Bits, Tonguing and Grooving Tools, - - - - - - each, $9 00

This tool embraces, in a most ingenious and successful combination, the common Carpenter's Plow, an adjustable Filletster and a perfect Matching Plane. The entire assortment can be kept in smaller space, or made more portable, than an ordinary Carpenters' Plow.

Each Plane is accompanied by a Tonguing tool ($\frac{1}{4}$ inch), a Filletster Cutter, and eight Plow Bits ($\frac{1}{8}$, $\frac{3}{16}$, $\frac{1}{4}$, $\frac{5}{16}$, $\frac{3}{8}$, $\frac{7}{16}$, $\frac{1}{2}$ and $\frac{5}{8}$ inch).

Traut's Patent Adjustable Beading, Rabbet and Slitting Plane.

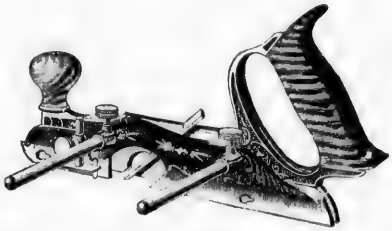


No. 45, Iron Stock and Fence, including Beading Tools, Bits, Slitting Tools, etc., each, $8 00

This Plane embraces in a compact and practical form (1) Beading and Centre Beading Plane; (2) Rabbet and Filletster; (3) Dado; (4) Plow; (5) Matching Plane; and (6) a superior Slitting Plane.

Each Plane is accompanied by seven Beading, Tools ($\frac{1}{8}$, $\frac{3}{16}$, $\frac{1}{4}$, $\frac{5}{16}$, $\frac{3}{8}$, $\frac{7}{16}$, and $\frac{1}{2}$ inch), nine Plow and Dado Bits ($\frac{1}{8}$, $\frac{3}{16}$, $\frac{1}{4}$, $\frac{5}{16}$, $\frac{3}{8}$, $\frac{7}{16}$, $\frac{1}{2}$, $\frac{5}{8}$ and $\frac{7}{8}$ inch), a Slitting Tool and a Tonguing Tool.

Traut's Patent Adjustable Dado, Filletster, Plow, Etc.



No. 46, Iron Stock and Fence, including Plow Bits, Tonguing and Grooving Tools, - - - - - - each, $7 00
No. 47, Dado, Iron Stock and Fence, including Bits, $\frac{3}{8}$, $\frac{1}{2}$, $\frac{5}{8}$, $\frac{7}{8}$, and $1\frac{1}{4}$, " 4 00

One in a box.

Spokeshaves.

Wm. Marples & Sons.

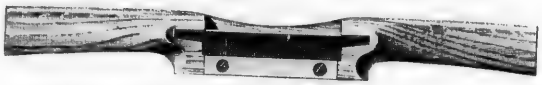
Nos. 670 and 675.

No. 670, Beechwood.

Inch,	$1\frac{1}{2}$	2	$2\frac{1}{4}$	$2\frac{1}{2}$	$2\frac{3}{4}$	3
Per dozen,	$3 60	3 60	3 60	3 60	3 90	4 20

No. 675, Boxwood.

Inch,	$1\frac{1}{2}$	2	$2\frac{1}{4}$	$2\frac{1}{2}$	$2\frac{3}{4}$	3
Per dozen,	$5 40	5 40	5 40	5 40	5 70	6 00



Nos. 671 and 676.

No. 671, Beechwood, Plated.

Inch,	2	$2\frac{1}{4}$	$2\frac{1}{2}$	$2\frac{3}{4}$	3
Per dozen,	$4 80	4 80	4 80	5 10	5 40

No. 676, Boxwood, Plated.

Inch,	2	$2\frac{1}{4}$	$2\frac{1}{2}$	$2\frac{3}{4}$	3
Per dozen,	$6 90	6 90	6 90	7 35	7 80

Half dozen in a package.

Spokeshaves.

Wm. Marples & Sons.

Nos. 672 and 678.

No. 672, Beechwood, Plated and Screwed.

Inch,	$2\frac{1}{2}$	$2\frac{3}{4}$	3
Per dozen,	$10 20	10 80	11 40

No. 678, Boxwood, Plated and Screwed.

Inch,	$2\frac{1}{2}$	$2\frac{3}{4}$	3
Per dozen,	$13 50	14 25	15 00

Common Spokeshaves.

Beechwood.

Inch,	$2\frac{1}{2}$	3
Per dozen,	$2 25	2 70

Beechwood, Plated.

Inch,	$2\frac{1}{2}$	3
Per dozen,	$3 00	3 40

Half dozen in a package.

Iron Spokeshaves.

Nos. 11 and 12.

No. 11, Single Irons, - - - - - per dozen, $1 90

No. 13.

No. 13, Double Cutters, Concave and Straight, - - per dozen, $3 60

No. 11, one dozen in a box; No. 13, half dozen.

Spokeshave Irons.

Inch,	$1\frac{1}{2}$	2	$2\frac{1}{4}$	$2\frac{1}{2}$	$2\frac{3}{4}$	3
Per dozen,	$1 65	1 65	1 65	1 65	1 75	1 80

Carriage Makers' Plug Cutters.

Inch, $\frac{1}{2}$, $\frac{9}{16}$ and $\frac{5}{8}$, - - - - - per dozen, $3 00

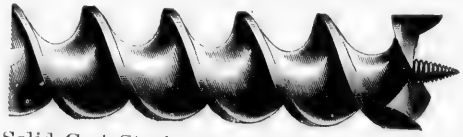
One dozen in a box.

Auger Bits.

Solid Cast Steel, Double Spurs and Lips, Polished.

Inch,	3	4	5	6	7	8	9	10-16
Per dozen,	$3 50	3 00	3 00	3 25	3 25	3 50	4 00	4 50
Inch,	11	12	13	14	15	16	18	20-16
Per dozen,	$5 00	5 50	6 00	6 50	7 25	8 00	10 00	11 00

Imitation Jennings' Auger Bits.

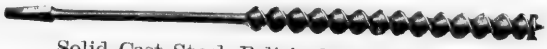


Solid Cast Steel, Extension Lips, Polished.

Inch,	4	5	6	7	8	9	10-16
Per dozen,	$3 00	3 40	3 80	4 40	4 80	5 20	5 60
Inch,	11	12	13	14	15	16-16	
Per dozen,	$6 10	6 60	7 20	7 80	8 40	9 00	

Three to twelve sixteenths, one dozen in a box; thirteen sixteenths and up, half dozen.

Car Bits.



Solid Cast Steel, Polished 12 Inch Twist.

Inch,	7	9	11-16	13	15	17-16
Per dozen,	$9 00	11 25	13 25	16 50	18 75	24 00

Half dozen in a box.

Steer's Patent Adjustable Expansive Bits.

Showing the Bit with the Cutters off.

Complete.

No. 1, Cutting from $\frac{7}{8}$ to 3 inch, - - - per dozen, $26 00
No. 2, Cutting from $\frac{5}{8}$ to $1\frac{3}{4}$ inch, - - - - " 20 00

Extra Cutters.

No. 3, Cutters only, cutting from $\frac{7}{8}$ to $1\frac{5}{8}$ inch, - - per dozen, $4 50
No. 4, Cutters only, cutting from $1\frac{5}{8}$ to 3 inch, - - " 6 00

The Steer's Patent Bit will bore entirely through without chipping, lifting the wood out in one continuous scroll, and leaving the hole clean and sharp at both ends. The Cutter is easily adjusted and so firmly held that it cannot slip, thus securing the same diameter the entire depth of the boring. Every tool fully warranted.

Twelfth dozen in a box.

Bit Stock Drills.

For Boring both Wood and Metal.

Size,	2	3	4	5	6	7	8	9-32
Per dozen,	$1 50	1 65	2 10	2 60	3 10	3 60	4 10	4 70

Size,	10	11	12	13	14	15	16-32
Per dozen,	$5 40	6 30	7 20	8 00	8 80	9 60	10 30

Assorted in Sets.

9 Drills, 2 to 12-32 (1 each, 2, 3, 4, 5, 6, 7, 8, 10 and 12-32), - per set, $2 60

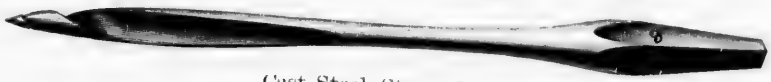
Hoit's Patent Gimlet Bits.

For Wood.

Size,	2	3	4	5	6	7	8	9	10	11	12-32
Per dozen,	$1 50	1 65	2 10	2 60	3 10	3 60	4 10	4 70	5 40	6 30	7 20

One dozen in a box.

American German Gimlet Bits.



Cast Steel, Straw Color.

Size,	2	3	4	5	6	7	8	9	10	12-32
Per dozen,	$1 35	1 35	1 35	1 35	1 35	1 35	1 35	1 50	1 50	1 75

Assorted, 4 to 8-32, - - - - per dozen, $1 35

Genuine German Gimlet Bits.

Cast Steel, Straw Color.

Size,	2	3	4	5	6	7	8	9	10	12	14-32
Per dozen,	$0 95	0 95	0 95	0 95	0 95	0 95	0 95	1 05	1 12	1 35	1 70

Assorted, 4 to 8-32, - - - - per dozen, $0 95

One dozen in a box.

Double Cut Gimlet Bits.

Cast Steel Blued, assorted, 4 to 8-32, - - per gross, $7 50

Quarter gross in box.

Countersink Gimlet Bits.

Snell's Countersink Gimlet Bits, assorted, - - per dozen, $2 25

Taper Bits.

Assorted, - - - - - per dozen, $2 65

One dozen in a box.

Cast Steel Bright Countersinks.

For Wood.

Assorted to $\frac{9}{16}$ inch, Snail Countersinks, W. Marples & Sons, -	per dozen,	$1 80
Assorted to $\frac{9}{16}$ inch, Snail Countersinks, American, -	"	1 50
Assorted to $\frac{9}{16}$ inch, Snail Countersinks, German, - -	"	1 12

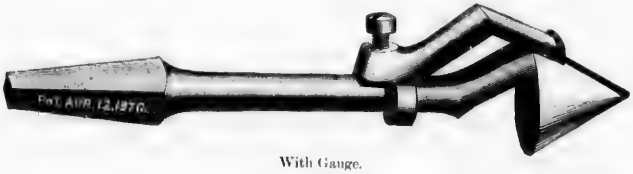
For Brass.

Assorted to $\frac{9}{16}$ inch, Rose Countersinks, W. Marples & Sons, -	per dozen,	$1 95
Assorted to $\frac{9}{16}$ inch, Rose Countersinks, American, -	"	1 50
Assorted to $\frac{9}{16}$ inch, Rose Countersinks, German, - -	"	1 30

For Iron.

Assorted to $\frac{9}{16}$ inch, Flat Countersinks, W. Marples & Sons. -	per dozen,	$1 65
Assorted to $\frac{9}{16}$ inch, Flat Countersinks, American, -	"	1 50
Assorted to $\frac{9}{16}$ inch, Flat Countersinks, German, - -	"	1 12

Wheeler's Patent.



With Gauge.

Wheeler's Countersinks, with Gauge, - - - per dozen, $6 00

One dozen in a box or package.

Cast Steel English Shell Nose and Spoon Bits.

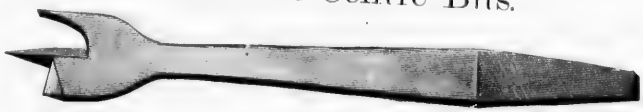
Shell Bit.

Nose Bit.

Spoon Bit.

Size,	2	3	4	5	6	7	8	10-32
Per dozen,	$1 80	1 80	1 80	1 80	1 80	1 80	1 80	1 90

Cast Steel Centre Bits.



German, Bright.

Size,	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1	$1\frac{1}{8}$
Per dozen,	$1 12	1 12	1 12	1 12	1 12	1 12	1 30
Size,	$1\frac{1}{4}$	$1\frac{3}{8}$	$1\frac{1}{2}$	$1\frac{5}{8}$	$1\frac{3}{4}$	$1\frac{7}{8}$	2
Per dozen,	$1 50	1 75	1 90	2 20	2 40	2 65	2 80

English, Wm. Marples & Sons.

Size,	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1	$1\frac{1}{8}$
Per dozen,	$1 80	2 00	2 10	2 15	2 35	2 55	2 95
Size,	$1\frac{1}{4}$	$1\frac{3}{8}$	$1\frac{1}{2}$	$1\frac{5}{8}$	$1\frac{3}{4}$	$1\frac{7}{8}$	2
Per dozen,	$3 30	3 65	4 20	4 60	5 00	5 50	6 25

Cast Steel Bright Reamers.

Octagon.

Octagon Reamers, Wm. Marples & Sons,	per dozen,	$2 25
Octagon Reamers, American,	"	1 90
Octagon Reamers, German,	"	1 45

Half Round.

Half Round Reamers, Wm. Marples & Sons,	per dozen,	$1 80
Half Round Reamers, American,	"	1 75
Half Round Reamers, German,	"	1 45

Square.

Square Reamers, Wm. Marples & Sons,	per dozen,	$1 95
Square Reamers, American,	"	1 90
Square Reamers, German,	"	1 45

One dozen in a box or package.

Cast Steel Screw Driver Bits.

Wm. Marples & Sons, Bright,	per dozen,	$1 05
American, Bright,	"	1 40
German, Bright,	"	1 50

Cast Steel Forked Screw Driver Bits.

Wm. Marples & Sons, Bright,	per dozen,	$1 65
German, Bright,	"	1 20

One dozen in a box or package.

Boring Machine Augers.

Solid Cast Steel, Polished.

Inch,	1¼	1½	2
Per dozen,	$14 00	16 00	22 00

In sets, one of each, 1¼, 1½ and 2 inch, - - - per dozen, $4 50

Hollow Augers.

WITH ADJUSTABLE SHANKS.

Stearn's, with Bits.

Inch,	⅜	½	⅝	¾	⅞	1
Per dozen,	$15 00	15 00	17 50	17 50	20 00	20 00

er dozen, $1 05
" 1 40
" 1 50

ts.

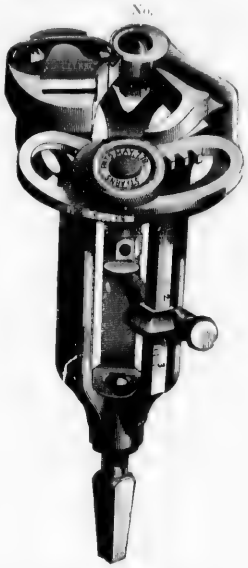
er dozen, $1 65
" 1 20

2
22 00
dozen, $4 50

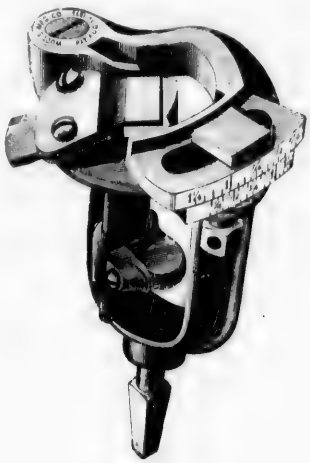
1
20 00

Patent Adjustable Hollow Augers.

Stearn's Patent.



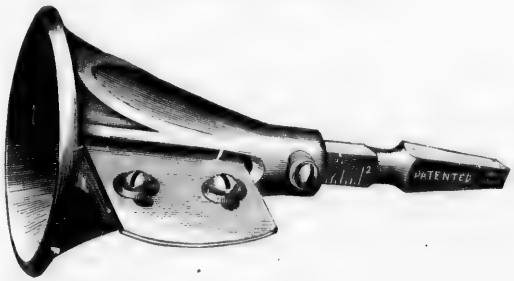
Wood's Patent.



Stearn's No. 3, cuts $\frac{1}{4}$ to $1\frac{1}{4}$ inch, - - - - per dozen, $75 00
Wood's, cuts $\frac{1}{4}$ to $1\frac{1}{4}$ inch, - - - - - " 54 00

Directions for use in each box.

Spoke Pointers.



Wood's Patent.

No. 1, Stearn's Patent, with Adjustable Shank, - - per dozen, $11 25
Wood's Patent, with Adjustable Shank, - - - " 10 50

Twelfth dozen in a box.

Cast Steel Eyed Augers.

Solid Cast Steel, Polished.

Inch,	½	⅝	¾	⅞	1	1⅛	1¼
Per dozen,	$5 50	6 50	8 00	8 50	9 50	10 50	11 50
Inch,	1½	1¾	2	2½	3	3½	4
Per dozen,	$14 00	17 00	20 00	30 00	40 00	50 00	70 00

Quarter to half dozen in a package.

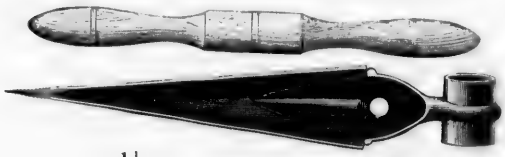
Cast Steel Nut Augers.

Solid Cast Steel Polished.

Inch,	½	⅝	¾	⅞	1	1⅛	1¼	1½	1¾	2
Per dozen,	$5 00	6 00	7 50	8 00	8 50	10 10	10 50	12 50	15 00	18 00

Half dozen in a box.

American Tap Borers.



Inch,	1½	1¾	2
Per dozen,	$9 75	11 00	13 90

Enterprise Tap Borers.

No. 1, Boring from ⅝ to 1½ inches, - - - - per dozen, $28 50
No. 2, Boring from 1⅛ to 2 inches, - - - - " 37 50

Half dozen [illegible]

English Boxwood Head Gimlets.

Common Twist Gimlet

Twisted.

Size,	3	4	5	6	7	8-32	Assorted.
Per gross,	$6 00	6 40	7 05	7 40	8 00	9 60	7 05

Quarter gross in a box

Metal Head Gimlets.

No. 1, Nail, Assorted, - - - - - per gross, $3 60
No. 1, Spike, Assorted, - - - - " 8 25

Half gross in a box.

Braces.

No. 50.

No. 50, 8 inch Sweep, Polished, Wood Head and Ball, - - per dozen, $2 75

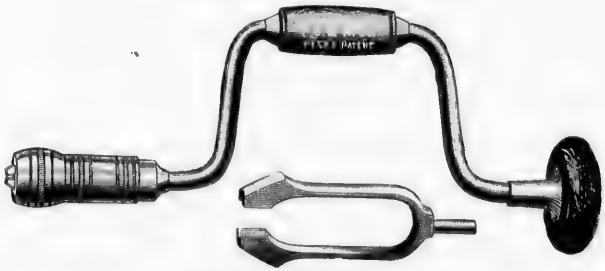
Braces.

Amidon Patent, Adjustable.

Nos. 8, 10, 18, 20 and 21.

No. 8,	8 inch Sweep, Polished, Walnut Head and Handle,	per dozen,	$7 90
No. 10,	10 inch Sweep, Polished, Walnut Head and Handle,	"	9 00
No. 18,	8 inch Sweep, Nickeled, Rosewood Head and L.V. Handle,	"	10 90
No. 20,	10 inch Sweep, Nickeled, Rosewood Head and L.V. Handle,	"	11 65
No. 21,	12 inch Sweep, Nickeled, Rosewood Head and L.V. Handle,	"	12 40

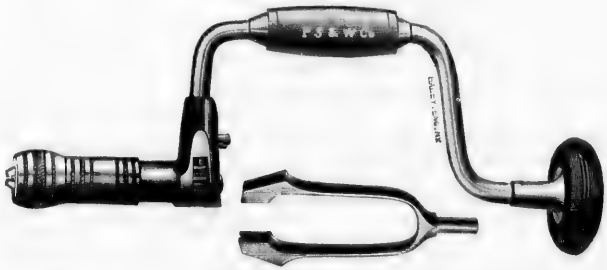
Peck's Patent, Adjustable.



No. 52—With Spring Jaws.

No 52, 10 inch Sweep, Polished, Maple Head and Handle, - per dozen, $9 60

Peck's Patent, Adjustable Ratchet.



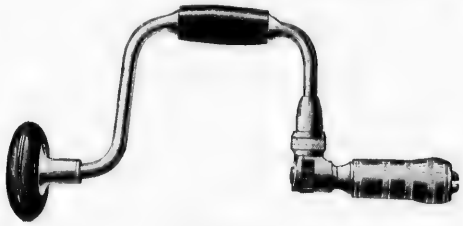
No. 152—With Spring Jaws.

No. 152, 10 inch Sweep, Ratchet, Polished, Maple Head and Handle, per dozen, $18 00

Half dozen in a box or package.

Braces.

Backus' Patent Adjustable Ratchet.



Nos. 31 and 32.

No. 31, Ratchet, 12 inch Nickeled Steel Sweep, Rosewood Handle, Lignumvitæ Head, - - - - - - - per dozen, $33 00

No. 32, Ratchet, 10 inch Nickeled Steel Sweep, Rosewood Handle, Lignumvitæ Head, - - - - - - - per dozen, 27 00

Backus' Patent Ratchet with Drill Attachment.

No. 30, with Drill Attachment.

No. 30, Drill Detached from Brace.

No. 30, 10 inch Nickeled Steel Sweep, Rosewood Handle, Lignumvitæ Head, combines the regular Bit Brace, Ratchet Brace and Breast Drill, per doz., $45 00

Backus' Patent Brace and Wrench Combined.

No. 27.

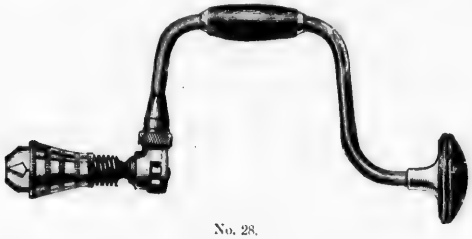
SPECIALLY ADAPTED FOR CARRIAGE MAKERS.

No. 27, 10 inch Nickeled Steel Sweep, Rosewood Handle, Lignumvitæ Head, per dozen, $31 50

Half dozen in a box.

Braces.

Backus' Patent Ratchet Brace and Wrench Combined.



No. 28.

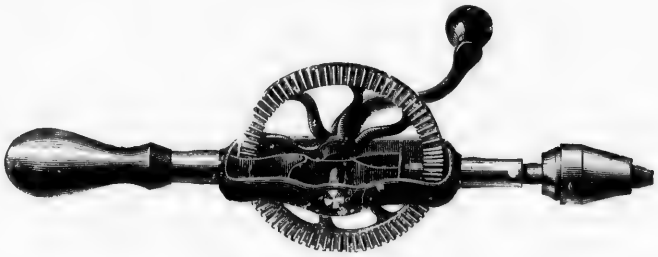
SPECIALLY ADAPTED FOR CARRIAGE MAKERS.

No. 28, Ratchet, 10 inch Nickeled Steel Sweep, Rosewood Handle, Lignumvitæ Head, - - - - - per dozen, $45 00

Half dozen in a box.

Drills.

Millers Falls Hand Drills.



No. 2.

No. 2, Nickeled, Heavy Single Gear, Hollow Rosewood Handle, with 6 Drill Bits, Assorted, $\frac{1}{32}$ to $\frac{1}{4}$ inch, - - - - per dozen, $48 00

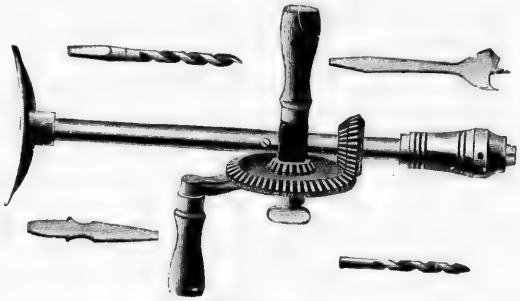
No. 4.

No. 4, Japanned, 8 inches long with 6 Drill Bits, - - per dozen, $10 50

Twelfth dozen in a box.

Drills.

Millers Falls Breast Drills.

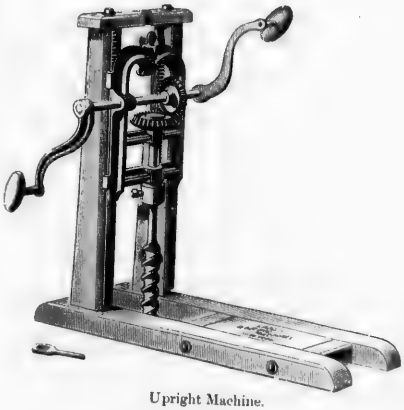


Without Drills.

No. 10, Adjustable Chuck ewood Handle, Nickel Plated, - per dozen, $54 00

Twelfth dozen in a box.

Boring Machines.



Upright Machine.

Angular Machine.

COMPLETE WITH AUGERS 1¼, 1½ AND 2 INCH.

No. 1¼, Upright Boring Machines, Square Shaft, - - each, $6 40
No. 2¼, Angular Boring Machines, Square Shaft, - - - " 7 50

Hammers.

Full Size Cut of Nos. 1 and 020 Adze Eye.

Full Size Cut of Nos. 11 and 61 Adze Eye.

Full Size Cut of No. 51 Machinists'.

Hammers.

DAVID MAYDOLE & CO.'S.

Adze Eye.

Nos. 1 and 1½.

No. 1, Adze Eye, Extra Solid Cast Steel, 1 lb. 4 oz. each, - per dozen, $12 00
No. 1½, Adze Eye, Extra Solid Cast Steel, 1 lb. each, - - " 10 50

Bell Face, Adze Eye.

Nos. 11 and 11½.

No. 11, Bell Face, Adze Eye, Extra Solid Cast Steel, 1 lb. 4 oz. each, per dozen, $12 00
No. 11½, Bell Face, Adze Eye, Extra Solid Cast Steel, 1 lb. each, - " 10 50
No. 13, Bell Face, Adze Eye, Extra Solid Cast Steel, 7 oz. each, " 7 50

Boston Pattern Farrier.

No. 51.

No. 51, Boston Pattern, Farriers' Adze Eye, Extra Solid Cast Steel, 10 oz. each, - - - - - per dozen, $9 00

Weights do not include handles.

Half dozen in a box.

Hammers.

DAVID MAYDOLE & CO.'S.

Adze Eye Farrier.

No. 52.

No. 52, Farriers' Adze Eye, Extra Solid Cast Steel, 7 oz. each, - per dozen, $7 50

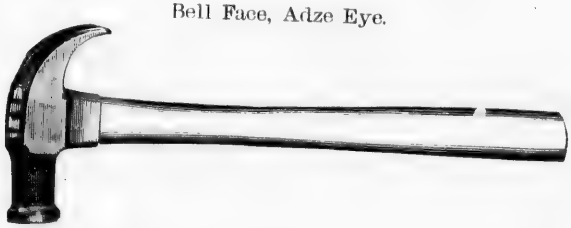
H. W. ORTON & CO.

Adze Eye.

Nos. 020, 040 and 141.

No. 020, Adze Eye, Solid Cast Steel, 1 lb. 4 oz. each, - - per dozen, $4 90
No. 041, Adze Eye, Solid Cast Steel, 1 lb. each, - - " 4 60
No. 141, Nickel-Plated, Adze Eye, Solid Cast Steel, 1 lb. each, - " 5 10

Bell Face, Adze Eye.



No. 31.

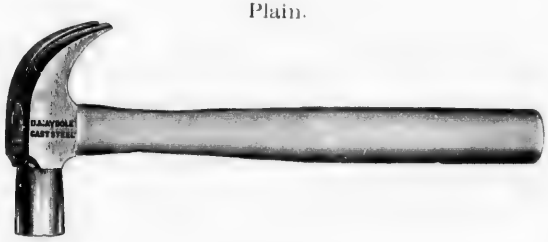
No. 31, Bell Face Adze Eye, Solid Cast Steel, 1 lb. each, - per dozen, $6 75

Weights do not include handles.

Half dozen in a box.

Hammers.

Plain.



Nos. 4 to 51½.

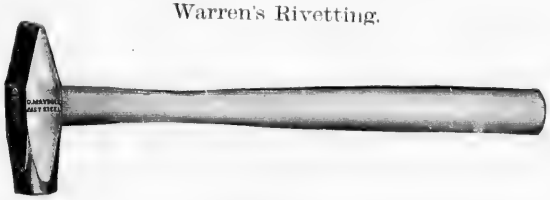
No. 4,	Brad, Plain, Solid Cast Steel, 6 oz. each,	per dozen,	$3 60
No. 6,	Brad, Plain, Solid Cast Steel, 12 oz. each,	"	5 25
No. 51,	Nail, Plain, Solid Cast Steel, 1 lb. 4 oz. each,	"	4 50
No. 51½,	Nail, Plain, Solid Cast Steel, 1 lb. each,	"	3 70

Cast Adze Eye.

Nos. 24 and 155.

No. 24,	Adze Eye, Full Polished, Varnished Handle, 1 lb. 3 oz. each,	per dozen,	$3 00
No. 155,	Adze Eye, Polished, Plain Handle, 1 lb. 3 oz. each,	"	2 40

Warren's Rivetting.



Nos. 70 to 74.

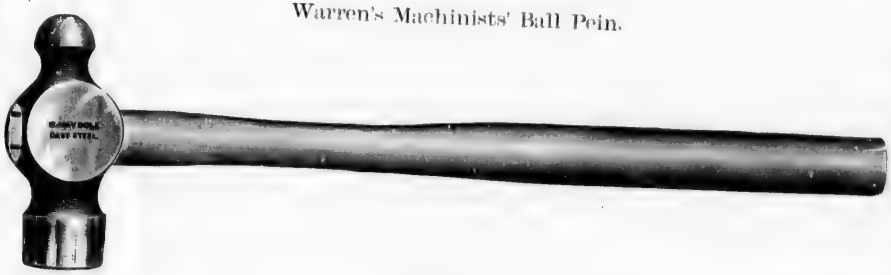
No. 70,	Rivetting, Solid Cast Steel, 1 lb. 8 oz. each,	per dozen,	$7 50
No. 72,	Rivetting, Solid Cast Steel, 1 lb. 6 oz. each,	"	6 60
No. 73,	Rivetting, Solid Cast Steel, 14 oz. each,	"	5 10
No. 74,	Rivetting, Solid Cast Steel, 11 oz. each,	"	4 50

Weights do not include handles.

Half dozen in a box.

Hammers.

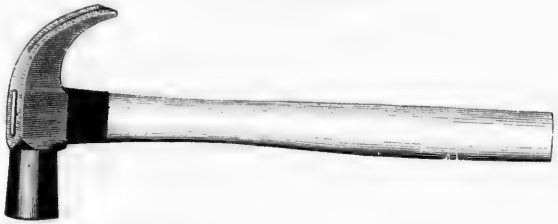
Warren's Machinists' Ball Pein.



Nos. 91 to 93.

No. 91,	Ball Pein, Solid Cast Steel, 2 lbs. each,	per dozen,	$16 50
No. 92,	Ball Pein, Solid Cast Steel, 1 lb. 10 oz. each,	"	14 25
No. 93,	Ball Pein, Solid Cast Steel, 1 lb. 2 oz. each,	"	12 00

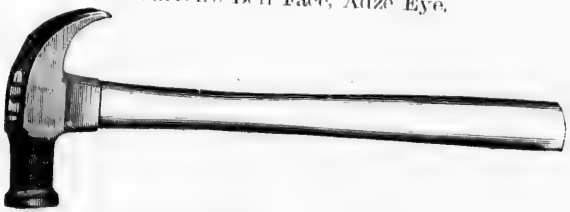
Warren's Adze Eye.



Nos. 1 and 1½.

No. 0,	Adze Eye, Solid Cast Steel, 1 lb. 8 oz. each,	per dozen,	$9 75
No. 1,	Adze Eye, Solid Cast Steel, 1 lb. 4 oz. each,	"	9 00
No. 1½,	Adze Eye, Solid Cast Steel, 1 lb. each,	"	7 50

Warren's Bell Face, Adze Eye.



Nos. 61 and 61½.

No. 61,	Bell Face, Adze Eye, Solid Cast Steel, 1 lb. 4 oz. each,	per dozen,	$9 00
No. 61½,	Bell Face, Adze Eye, Solid Cast Steel, 1 lb. each,	"	7 50
No. 63,	Bell Face, Adze Eye, Solid Cast Steel, 7 oz. each,	"	6 75

Weights do not include handles.

Half dozen in a box.

Hammers.

Warren's Adze Eye Farrier.

No. 52.

Warren's Boston Pattern Farrier.

No. 51.

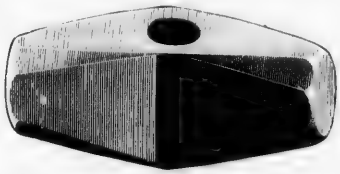
No. 51, Boston Pattern, Farrier's Adze Eye, Solid Cast Steel, 10 oz. each, per dozen, $7 50

No. 52, Farrier's Adze Eye, Solid Cast Steel, 7 oz. each, - - " 6 90

Weights do not include handles.

Half dozen in a box.

Double Face Striking Hammers.



Solid Cast Steel, Polished Peins, 6 to 8 lbs., - - - per pound, $0 25

Masons' Hammers.

Sold Cast Steel, Polished Face and Pein, 4 to 20 lbs., - - per pound, $0 20

Warren's Machinists' Ball Pein.

Solid Cast Steel, Assorted, 1, 1¼, 1½, 1¾, 2, 2¼ and 2½ lbs., - per pound, $0 35

Hammers and Sledges.

Blacksmiths' Hand Hammers.

CROSS PEIN.

Solid Cast Steel, Polished Face and Pein, 2 to 5 lbs., - per pound, $0 25

Blacksmiths' Sledges.

CROSS PEIN.

Solid Cast Steel, Polished Face and Pein, 6 to 18 lbs., - per pound, $0 20
Steel Face and Pein, Polished Face, 6 to 18 lbs., - - " 0 15

Stone Sledges.

STRAIGHT PEIN.

Solid Cast Steel, Polished Face and Pein, 6 to 30 lbs., - per pound, $0 20

Cast Steel Compasses.

Inch,	5	6	7
Per dozen,	$1 65	1 95	2 35

Half dozen in a package.

Cast Steel Dividers.

Inch,	5	6	7	8	10	12
Per dozen,	$3 40	3 40	4 00	4 50	6 25	8 65

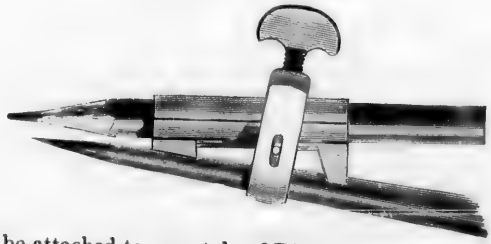
5 to 8 inch, one dozen in a box; 10 and 12 inch, half dozen.

Cast Steel Spring Dividers.

Inch,	5	6	7
Per dozen,	$5 35	6 15	6 75

Half dozen in a box.

Pencil Holder.

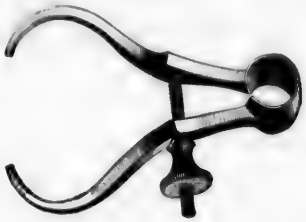


Pencil Holder, can be attached to any style of Divider, - per dozen, $3 60

One dozen in a box.

Callipers.

Spring.



Inch,	5	6	7
Per dozen.	$6 15	6 15	6 75

Double.

Inch,	4	5	6
Per dozen,	$2 70	3 15	3 90

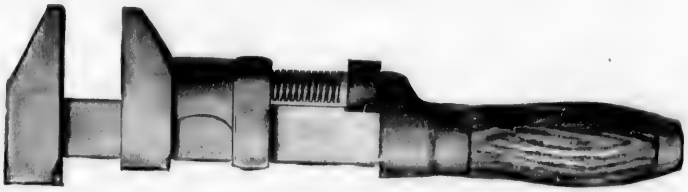
Egg.

Inch,	4	5	6
Per dozen,	$3 00	3 00	3 90

Half dozen in a package.

Coe's Pattern Wrenches.

Wrought Iron.

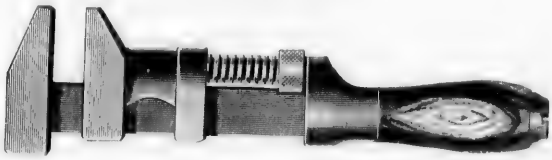


No. 1, Mechanics' Extra Heavy, Case Hardened, Black.

Inch,	6	8	10	12	15	18
Per dozen,	$9 00	10 00	12 00	14 00	24 00	30 00

This Wrench is equal to the Genuine Coe's in every particular.

Wrought Iron.

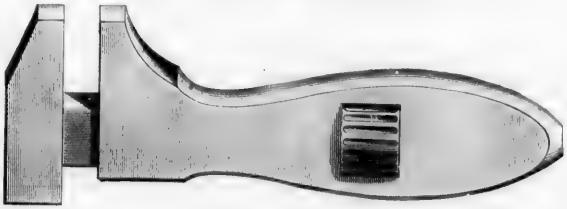


No. 2, Standard, Black.

Inch,	6	8	10	12	15
Per dozen,	$9 00	10 00	12 00	14 00	24 00

Half dozen in a package.

Pocket Wrenches.



Full Size Cut of 4 Inch.

Polished, 4 inch, - - - - - per dozen, $2 70

Half dozen in a box.

Adjustable S Wrenches.

10 inch, all Steel, Polished, Adjustable, - - - per dozen, $13 25
10 inch, all Steel Polished, Adjustable, with Pipe Attachment, for one inch and smaller gaspipe, - - - - per dozen, 18 00

Half dozen in a box.

Hand Vises.

No. 516.

No. 516.

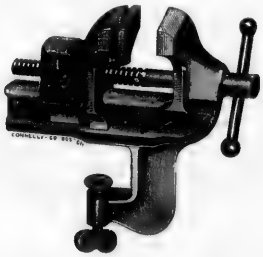
No. 1091, Handled.

Nos. 1091 and 2187½.

No. 516, W. & C. Wynn's, Wrought Hand Vises, - per dozen, $9 25
No. 1091, W. & C. Wynn's, Wrought Hand Vises, Handled, - " 13 90
No. 2187, German, Wrought Iron Hand Vises, Handled, - - " 6 00

Half dozen in a package.

Amateur Bench Vises.



Universal Vise, with Clamp and Polished Jaws, Wrought Iron Screws.

No. 60, Japanned, 1½ inch Jaw, - - - - per dozen, $11 60
No. 62, Japanned, 2 inch Jaw, - - - " 20 25

dozen, $13 25
ch and
dozen, 18 00

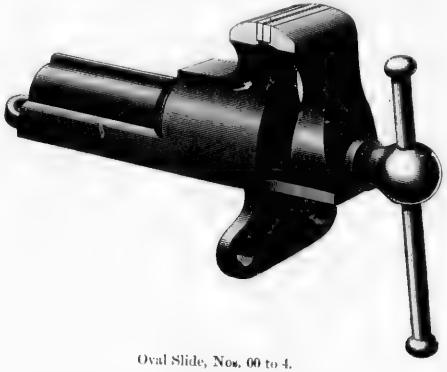
dozen, $9 25
" 13 90
" 6 00

Screws.

ozen, $11 60
20 25

Bench Vises.

Oval Slide, Japanned, Steel-Faced Jaw.



Oval Slide, Nos. 00 to 4.

No. 1, Japanned, 3 inch Jaw, $\frac{3}{4}$ inch Screw, weighs 18 lbs., - each, $3 60
No. 2, Japanned, $3\frac{1}{2}$ inch Jaw, $\frac{7}{8}$ inch Screw, weighs $25\frac{1}{2}$ lbs., - - " 4 60
No. 3, Japanned, 4 inch Jaw, 1 inch Screw, weighs $38\frac{1}{2}$ lbs., - " 6 15

Carriage Makers' Clamps.

Swivel Head.

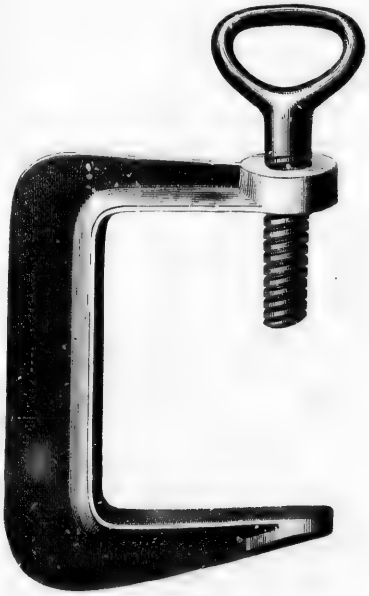
Inch,	3	4	6	9
Per dozen,	$3 00	3 60	5 50	8 25

Hammers' Pattern Screw Clamps.

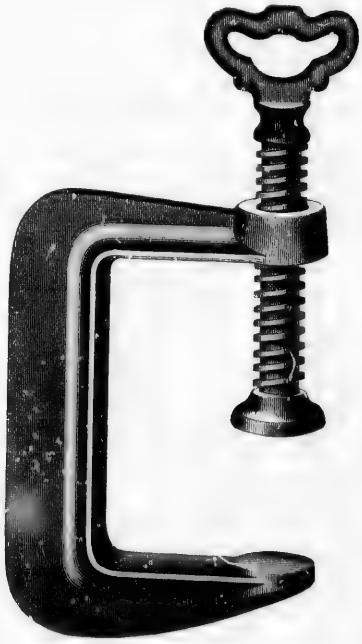
Patent Adjustable.

Inch,	5	6
Per dozen,	$13 90	16 90

Cabinet Makers' or Quilt-Frame Clamps.



No. 1.

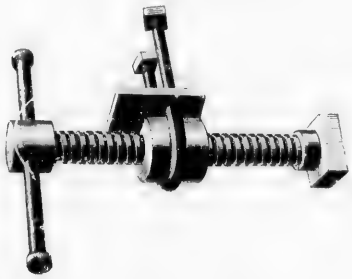


No. 32.

No. 1, Japanned, opens 2¼ inches, - - - per dozen, $0 65
No. 32, Japanned, opens 2¼ inches, with Swivel on end of Screw, " 1 00

Two dozen in a box.

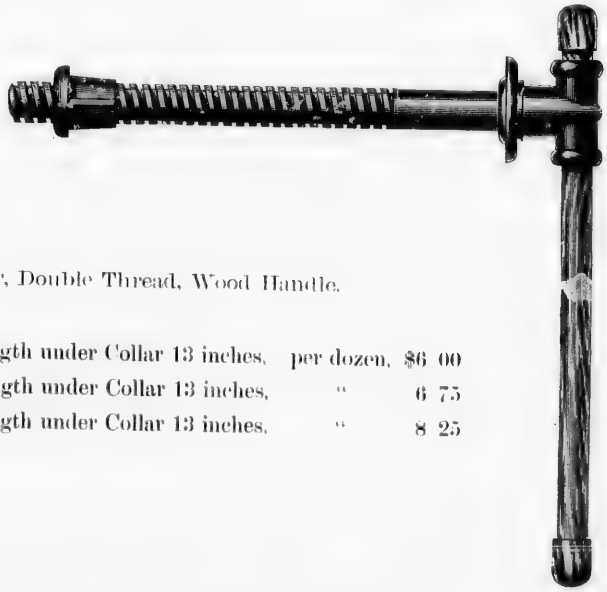
Clamp Heads.



Wrought Screw, Double Thread, Iron Handle.

Inch,	1	$1\frac{1}{4}$
Per dozen,	$16 20	20 25

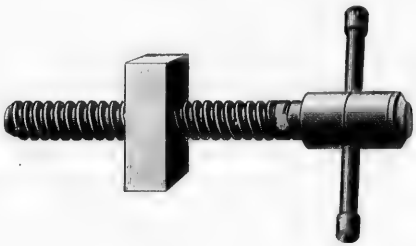
Wrought Iron Bench Screws.



Movable Collar, Double Thread, Wood Handle.

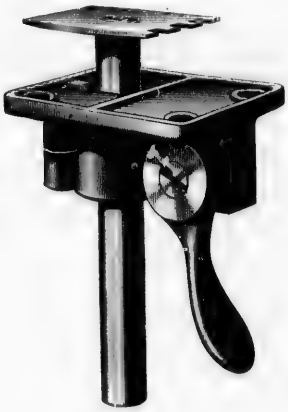
1 inch, Wrought Iron, Length under Collar 13 inches,	per dozen,	$6 00
$1\frac{1}{8}$ inch, Wrought Iron, Length under Collar 13 inches,	"	6 75
$1\frac{1}{4}$ inch, Wrought Iron, Length under Collar 13 inches,	"	8 25

Wood Bench Screws.



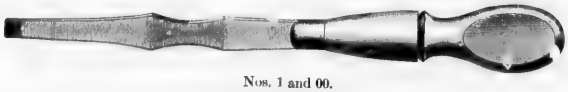
$2\frac{1}{2}$ inch, Beechwood, - - - - - per dozen, $4 80

Bench Hooks.



Bench Hooks, Polished, - - - - per dozen, $13 50

American Turnscrews.



Nos. 1 and 00.

No. 1, Solid Cast Steel, Flat Blade, Beechwood Handle, Capped Ferrule.

Inch,	3	4	5	6	7	8	10
Per dozen,	$1 20	1 50	1 80	2 10	2 55	2 90	4 05

No. 00, Solid Cast Steel, Flat Blade, Ebony Handle, Nickel-Plated Capped Ferrule.

Inch,	3	4	5	6	7	8	10
Per dozen,	$2 00	2 40	2 80	3 15	3 75	4 35	5 75

No. 4.

No. 4, Solid Cast Steel, Round Blade, Ebony Handle, Nickel-Plated Capped Ferrule.

Inch,	3	4	5	6	7	8	10
Per dozen,	$2 15	2 60	3 10	3 75	4 65	5 00	6 90

W. Marples & Sons' Turnscrews.

No. 710.

No. 710, Solid Cast Steel, Flat Blade, Varnished Beechwood Handle, Heavy Brass Ferrule.

Inch,	3	4	5	6	7	8	10
Per dozen,	$2 40	2 85	3 30	3 90	4 90	5 60	7 65

Half dozen in a box.

No. 724, Round Blades, assorted 3 to 4 inch, Rosewood Handle, per dozen, $2 40

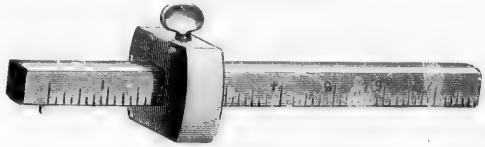
One dozen in a box.

Sewing Machine Turnscrews.

1½ inch, Cast Steel, Flat Blade, Beechwood Handle, - per gross, $6 00
1½ inch, Cast Steel, Round Blade, Octagon Handle, - - " 9 75

Gauges.

Marking Gauges.



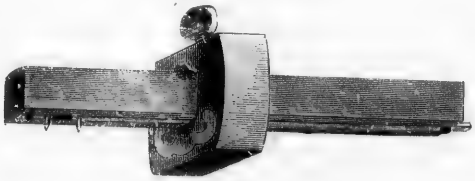
No. 61.

No. 0, Beechwood, Boxwood Thumb Screw, Square Bar, marked in inches, per dozen, $0 75
No. 61, Beechwood, Boxwood Thumb Screw, Oval Bar, marked in inches, " 1 00
No. 61½, Beechwood, Boxwood Thumb Screw, Oval Head and Bar, marked in inches, - - - - - - per dozen, 1 25

No. 65.
PATENT ADJUSTABLE STEEL POINTS.

No. 64, Beechwood, Polished, Plated Head, Boxwood Thumb Screw, Oval Bar, marked in inches, - - - - - per dozen, $2 00
No. 65, Boxwood, Plated Head, Brass Thumb Screw, Oval Bar, marked in inches, per dozen, 5 00

Cutting Gauges.



No. 70.
PATENT STEEL CUTTER.

No. 70, Mahogany, Polished, Plated Head, Boxwood Thumb Screw, Oval Bar, marked in inches, - - - - - per dozen, $4 00

Mortise Gauges.

No. 77.
PATENT STEEL POINTS.

No. 73, Boxwood, Polished, Plated Head, Screw Slide, Brass Thumb Screw and Shoe, Oval Bar, marked in inches, - - per dozen, $11 00
No. 77, Rosewood, Mortise and Marking, Plated Head, Improved Screw Slide, Brass Thumb Screw and Shoe, Oval Bar, marked in inches, per dozen, 10 00

Nos. 0, 61, 61½, 70, one dozen in a box, others half dozen.

Gauges.

Mortise Gauges.

653A.

No. 653A, Kent's Rosewood, Plated Head, Screw Slide, Brass Thumb Screw, per dozen, $13 50

Quarter dozen in a package.

Sliding T Bevels.

Rosewood Handle.

Stanley.

No. 569.

Stanley Rule and Level Co.'s.

Inch,	6	8	10	12
Per dozen,	$5 50	6 00	6 50	7 00

No. 569, "Kent's" without Thumb Screw.

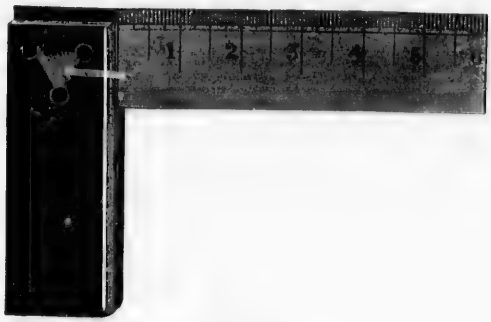
Inch,	7½	9	10½
Per dozen,	$7 05	7 90	8 80

No. 569, "Kent's" with Thumb Screw.

Inch,	7½	9	10½
Per dozen,	$8 40	9 00	9 75

Half dozen in a box.

Try Squares.

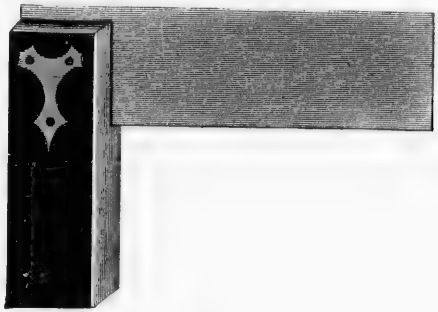


No. 2.

Stanley Rule and Level Co.'s.

No. 2, Graduated Blade, Rosewood Handle, Brass Face.

Inch,	3	4½	6	7½	9	10	12
Per dozen,	$3 00	3 75	5 00	5 75	6 50	7 50	8 50



No. 551.

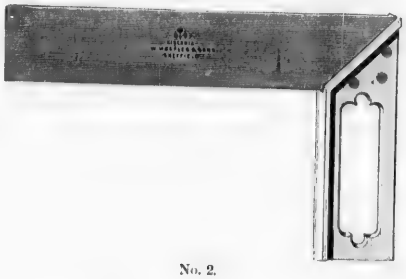
"Kent's."

No. 551, Steel Blade Blued, Rosewood Handle with Brass Plate and Brass Face.

Inch,	3	4½	6	7½	9	10½	12
Per dozen,	$4 50	4 95	5 70	7 05	8 30	9 40	10 95

Half dozen in a box.

Winterbottom's Pat'd Combined Try & Mitre Squares.



No. 2.

Stanley Rule and Level Co.'s.

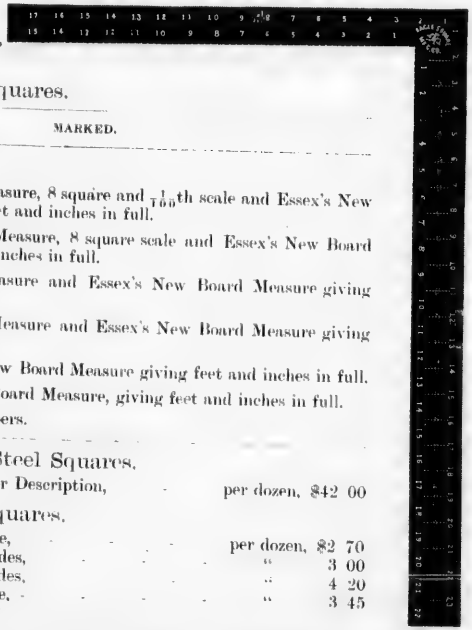
No. 2, Rosewood Handle, Graduated Steel Blade, Brass Face.

Inch,	$4\frac{1}{2}$	6	$7\frac{1}{2}$	9	12
Per dozen,	$4 00	5 00	6 00	7 00	9 00

This illustrates Iron Handle, our stock is Rosewood Handles.

Half dozen in a box.

Steel and Iron Squares.



Steel Squares.

NOS.	PR. DOZ.	WIDTH.	MARKED.
LENGTH, 2 FEET.			
1	$48 00	2 in.	$\frac{1}{16}$, $\frac{1}{12}$, $\frac{1}{8}$, with Brace Measure, 8 square and $\frac{1}{100}$th scale and Essex's New Board Measure giving feet and inches in full.
2	44 00	2 "	$\frac{1}{16}$, $\frac{1}{12}$, $\frac{1}{8}$, $\frac{1}{4}$, with Brace Measure, 8 square scale and Essex's New Board Measure giving feet and inches in full.
3	35 00	2 "	$\frac{1}{16}$, $\frac{1}{12}$, $\frac{1}{4}$, with Brace Measure and Essex's New Board Measure giving feet and inches in full.
5	32 50	2 "	$\frac{1}{12}$, $\frac{1}{8}$, $\frac{1}{4}$, $\frac{1}{2}$, with Brace Measure and Essex's New Board Measure giving feet and inches in full.
7	30 00	2 "	$\frac{1}{8}$, $\frac{1}{4}$, 1 in. and Essex's New Board Measure giving feet and inches in full.
14	25 50	2 "	$\frac{1}{8}$, $\frac{1}{4}$, 1 in., Essex's New Board Measure, giving feet and inches in full.
0	24 00	2 "	Wasters of assorted numbers.

Nickel Plated Steel Squares.

No. 103, 2 inch wide, 2 feet long, same as No. 3 for Description, - per dozen, $42 00

Iron Squares.

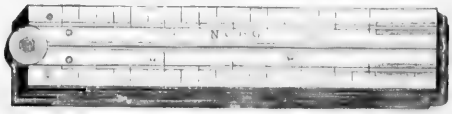
No. 492, $1\frac{1}{2}$ inch wide, Marked in $\frac{1}{8}$ths on one side, - - - - per dozen, $2 70
No. 493, $1\frac{1}{2}$ inch wide, Marked in $\frac{1}{8}$ths on both sides, - - - - " 3 00
No. 494, 2 inch wide, Marked in $\frac{1}{8}$ths on both sides, - - - - " 4 20
No. 494½, 2 inch wide, Marked in $\frac{1}{8}$ths on one side, - - - - " 3 45

Steel, quarter dozen in a box; Iron, half dozen in a package.

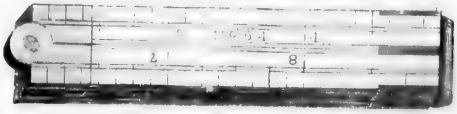
Boxwood Rules.

STANLEY RULE AND LEVEL

One Foot, Four Fold, Narrow.



No. 69, Round Joint, Middle Plates, 8ths and 16ths inches, $\frac{5}{8}$ inch wide, per doz., $3 00

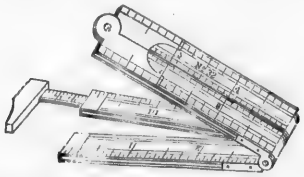


No. 65, Square Joint, Middle Plates, 8ths and 16ths inches, $\frac{5}{8}$ inch wide, per doz., $3 50
No. 65, Arch Joint, Middle Plates, 8ths and 16ths inches, $\frac{5}{8}$ inch wide, " 4 00

Caliper, Six Inch, Two Fold.

No. 36, Square Joint, 6 in., 8ths, 10ths, 12ths and 16ths in., $\frac{7}{8}$ in. wide, per doz., $7 00
No. 36½, Square Joint, 12 in., 8ths, 10ths, 12ths and 16ths in., $1\frac{3}{8}$ in. wide, " 12 00

Caliper, One Foot, Four Fold.



No. 32, Arch Joint, Edge Plates, 8ths, 10ths, 12ths and 16ths inches, 1 inch wide, per dozen, $12 00
No. 32½, Arch Joint, Bound, 8ths, 10ths, 12ths and 16ths inches, 1 inch wide, per dozen, 20 00

One dozen in a box.

loz., $3 00

loz., $3 50
4 00

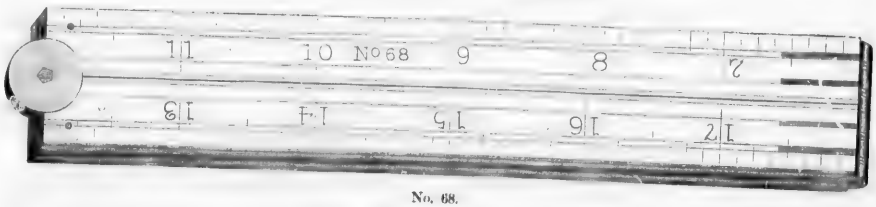
oz., $7 00
12 00

e,
n, $12 00
e,
n, 20 00

Boxwood Rules.

STANLEY RULE AND LEVEL CO.'S.

Two Feet, Four Fold, Narrow.

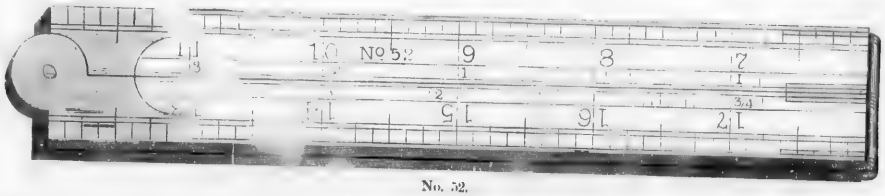


No. 68.

No. 68, Round Joint, Middle Plates, 8ths and 16ths inches, 1 in. wide, per dozen, $4 00

One dozen in a box.

Two Feet, Four Fold, Narrow.



No. 52.

No. 51, Arch Joint, Middle Plates, 8ths, 10ths, 12ths and 16ths of inches, Drafting Scale, 1 inch wide, - - - per dozen, $6 00

No. 53, Arch Joint, Edge Plates, 8ths, 10ths, 12ths and 16ths of inches, Drafting Scale, 1 inch wide, - - - - per dozen, 8 00

No. 52, Arch Joint, Half Bound, 8ths, 10ths, 12ths and 16ths of inches, Drafting Scale, 1 inch wide. - - - - per dozen, 13 00

No. 54, Arch Joint, Bound, 8ths, 10ths, 12ths and 16ths of inches, Drafting Scale, 1 inch wide, - - - - - per dozen, 16 00

No. 59, Double Arch Joint, Bitted, 8ths, 10ths, 12ths and 16ths of inches, Drafting Scale, 1 inch wide, - - - per dozen, 9 00

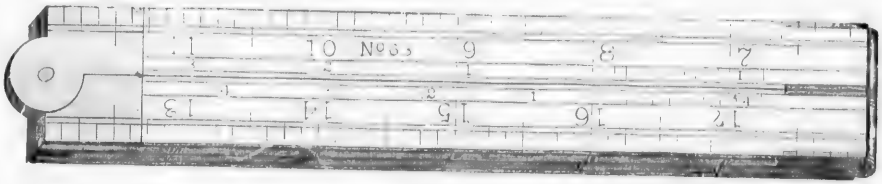
No. 60, Double Arch Joint, Bound, 8ths, 10ths, 12ths and 16ths of inches, Drafting Scale, 1 inch wide, - - - - per dozen, 21 00

Half dozen in a box.

Boxwood Rules.

STANLEY RULE AND LEVEL CO.'S.

Two Feet, Four Fold, Narrow.



No. 63.

No. 61, Square Joint, Middle Plates, 8ths and 16ths of inches, 1 inch wide, per dozen, $5 00

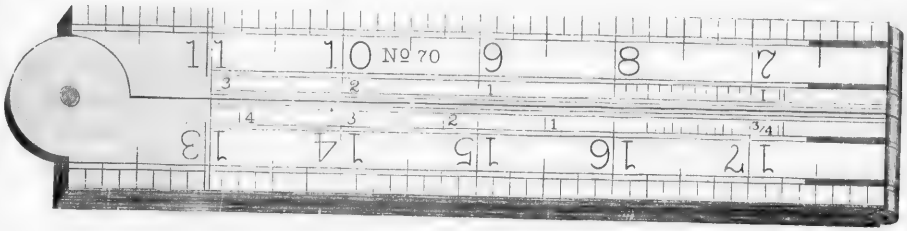
No. 63, Square Joint, Edge Plate, 8ths, 10ths, 12ths and 16ths of inches, Drafting Scale, 1 inch wide, - - - - per dozen, 7 00

No. 84, Square Joint, Half Bound, 8ths, 10ths, 12ths and 16ths of inches, Drafting Scale, 1 inch wide, - - - - per dozen, 12 00

No. 62, Square Joint, Bound, 8ths, 10ths, 12ths and 16ths of inches, Drafting Scale, 1 inch wide, - - - - per dozen, 15 00

No. 61½, Extra Narrow, Square Joint, Middle Plates, 8ths and 16ths of inches, ¾ inch wide, - - - - - per dozen, 5 50

Two Feet, Four Fold, Broad.



No. 70.

No. 70, Square Joint, Middle Plates, 8ths and 16ths of inches, Drafting Scale, 1⅜ inch wide, - - - - - per dozen, $7 00

No. 72, Square Joint, Edge Plates, 8ths, 10ths and 16ths of inches, Drafting Scale, 1⅜ inch wide, - - - - - per dozen, 9 00

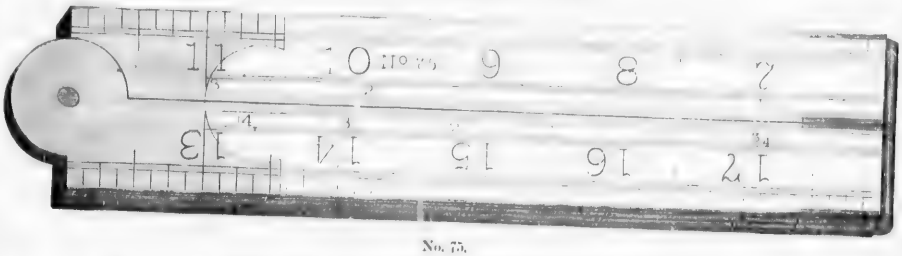
No. 72½, Square Joint, Bound, 8ths, 10ths and 16ths of inches, Drafting Scale, 1⅜ inch wide, - - - - - per dozen, 18 00

Half dozen in a box.

Boxwood Rules.

STANLEY RULE AND LEVEL CO.'S.

Two Feet, Four Fold, Broad.



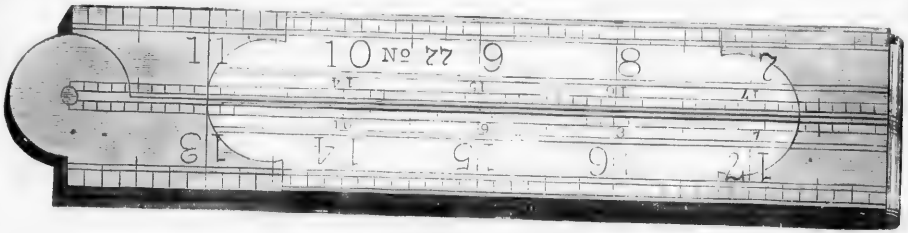
No. 75.

No. 73, Arch Joint, Middle Plates, 8ths, 10ths and 16ths of inches, Drafting Scale, $1\frac{3}{8}$ inch wide, - - - - - per dozen, $9 00

No. 75, Arch Joint, Edge Plates, 8ths, 10ths and 16ths of inches, Drafting Scale, $1\frac{3}{8}$ inch wide, - - - - - per dozen, 11 00

No. 76, Arch Joint, Bound, 8ths, 10ths and 16ths of inches, Drafting Scale, $1\frac{3}{8}$ inch wide, - - - - - per dozen, 20 00

No. 81, Arch Joint, Edge Plates, Board Measure, 12ths and 16ths of inches, Drafting Scale, $1\frac{3}{8}$ inch wide, - - - per dozen, 13 00



No. 77.

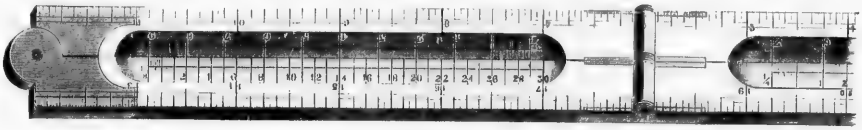
No. 77, Double Arch Joint, Bitted, 8ths, 10ths and 16ths of inches, Drafting Scale, $1\frac{3}{8}$ inch wide, - - - - - per dozen, $12 00

No. 78½, Double Arch Joint, Bound, 8ths, 10ths and 16ths of inches, Drafting Scale, $1\frac{3}{8}$ inch wide, - - - - per dozen, 24 00

Half dozen in a box.

Architect's Rule.

With Beveled Edges.



Nos. 53½.

No. 53½, Arch Joint, Edge Plates, 8ths, 10ths, 12ths and 16ths of inches, with inside Beveled Edges, and Architect's Drafting Scale, 1 inch wide, per dozen, $20 00

Half dozen in a box.

Boxwood Rules.

STANLEY RULE AND LEVEL CO.'S.

Two Feet, Two Fold.

No. 18, Square Joint, 8ths and 16ths of inches, - - per dozen, $5 00

No. 2, Arch Joint, Bitted, 8ths, 10ths and 16ths of inches, Octagonal Scale, per dozen, 8 00

No. 26, Square Joint, Slide, 8ths, 10ths and 16ths of inches, Octagonal Scale, 1½ inches wide, - - - - - per dozen, 9 00

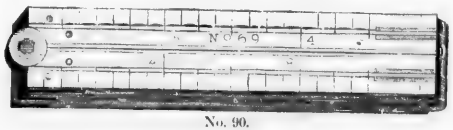
Three Feet, Four Fold.

No. 66½, Arch Joint, Middle Plates, 8ths and 16ths of inches, - per dozen, $8 00

Ivory Rules.

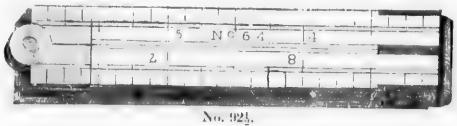
STANLEY RULE AND LEVEL CO.'S.

One Foot, Four Fold.



No. 90.

No. 90, Round Joint, Brass, Middle Plates, 8ths and 16ths of inches, ⅝ inch wide, per dozen, $10 00

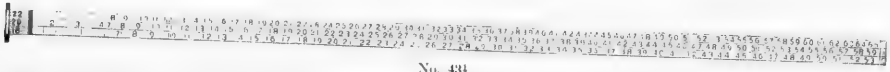


No. 92½.

No. 92½, Square Joint, German Silver, Middle Plates, 8ths and 16ths of inches, ⅜ inch wide, - - - - - per dozen, $14 00

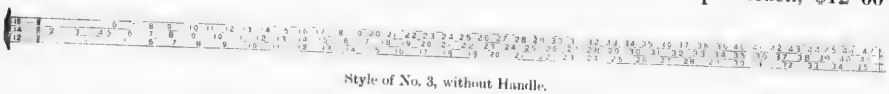
One dozen in a box.

Board Rules.



No. 43½.

No. 43½, Stanley's Flat Board Rule, Hickory, Cast Brass Head and Tip, 3 Lines, 12 to 22 feet, 3 feet long, - - - - per dozen, $12 00



Style of No. 3, without Handle.

No. 3, McGee's Handled Flat Board Rule, Extra Hickory, Steel Head and Tip, 3 Lines, 3 feet long, - - - - per dozen, $22 50

No. 3½, McGee's Handled Flat Board Rule, Extra Hickory, Steel Head and Tip, 4 Lines, 3 feet long, - - - - per dozen, 24 00

No. 48, Stanley's Octagon Walking Cane Board Rule, Hickory, Solid Cast Brass Head and Tip, 8 Lines, 9 to 16 feet, 3 feet long, - per dozen, 12 00

We can supply any style of Board Rule on short notice.

In ordering please state for what length of Board you wish to use the Rules.

NOTE.—Nos. 43½, 3, 3½ and 48 give the contents in Board Measure, of one inch Boards.

DIRECTIONS. Place the stick across the flat surface of the Board, bringing the inside of the Cap snugly to the edge of the same; then follow with the eye the column of figures in which the length of the Board is given as the first figure under the Cap, and at the mark nearest the opposite edge of the Board will be found the contents of the Board in feet.

Log Rules.

No. 48½.

No. 48½, Stanley's Octagon Walking Cane Log Rule (Doyle's Revised), Hickory, Solid Cast Brass Head and Tip, 3 feet long. - - per dozen, $15 00

No. 1, McGee's Flat Log Rule, Extra Hickory, Diamond Head, Doyle's or Scribner's, 4 Lines, - - - - per dozen, 22 50

No. 2, McGee's Flat Log Rule, Extra Hickory, Diamond Head, Doyle's or Scribner's, 3 Lines, - - - - per dozen, 15 00

In ordering please state if Doyle's or Scribner's is required.

NOTE.—The Log Measure (No. 48½) has Doyle's Revised Tables, and gives the number of feet of one inch square edged boards, which can be sawed from a log of any size, from 12 to 36 inches in diameter, and of any length. The figures immediately under the head of the Cane are for the lengths of Logs in feet. Under these figures, on the same line at the mark nearest the diameter of the Log, will be found the number of feet the Log will make.

Yard Sticks.

No. 133, Yard Stick, Unpolished, - - - per dozen, $1 50

No. 33, Yard Stick, Polished, - - - - " 2 00

No. 41, Yard Stick, Brass Tips, Polished, - - " 3 50

No. 50, Yard Stick, Hickory, Brass Capped Ends, Polished, - " 4 50

Yard Measure, Brass Nickel Plated, with Government Stamp, " 10 50

Yard Measure, Brass Polished, with Government Stamp, - " 7 50

Comparative Numbers of Rules.

Boxwood Rules.

Stanley's.	Chapin's.	Stephen's.	Standard.	List.
Nos.	Nos.	Nos.	Nos.	Per Doz.
1	41	—	1	87 00
2	42	13	2	8 00
4	44	15	4	10 00
5	45	17	5	16 00
6	50	16	6	18 00
8	—	—	8	4 50
12	48	14	12	14 00
13	—		—	10 00
15	49	27	15	24 00
16	51	28	16	28 00
18	39	2	18	5 00
22	40	5	22	8 00
26	46	9	26	9 00
27	47		27	12 00
29	38	1	29	3 50
32	72	98	32	12 00
32½	73	99	32½	20 00
36	70	95	36	7 00
36½	70½		36½	12 00
42	85	31	42	6 00
43	85½	30	43	6 00
51	16	46	51	6 00
52	18	49¼	52	13 00
53	17	48	53	8 00
53½	17½	39	53½	20 00
54	19	49	54	16 00
55	6	73	55	4 00
56	7	74	56	6 00
57	9	75	57	12 00
58	96	33	58	13 00
58½			58½	3 60
59	20	50	59	9 00
60	21	52	60	21 00
61	11	42	61	5 00
61½	11½	44	61½	5 50
62	15	42½	62	15 00
62½	15½	42¾	62½	15 00
63	12	45	63	7 00
63½	13	44½	63½	8 00
64	3	72	64	5 00
65	2	71	65	3 50
65½	5	72½	65½	11 00
66	84		66	8 00
66½		32		8 00
67	22	53	67	5 00
68	10	41	68	4 00
69	1	70	69	3 00
70	23	54	70	7 00
72	24	56	72	9 00
72½	6	54½	72½	18 00

Boxwood Rules.

Stanley's.	Chapin's.	Stephen's.	Standard.	List.
Nos.	Nos.	Nos.	Nos.	Per Doz.
73	27	57	73	$9 00
75	28	59	75	11 00
76	30	60	76	20 00
77	31	61	77	12 00
78	—	—	78	20 00
78½	32	63	78½	24 00
79	34	64	79	11 00
81	36	66	81	13 00
82	37	67	82	22 00
83	33	—	83	14 00
84	14	42¼	84	12 00
94				48 00

Ivory Rules.

38	74	95½	38	15 00
39	76	98½	39	38 00
40	77	99½	40	44 00
85	59	77	85	54 00
86	60	83	86	64 00
86½			—	96 00
87	61	84	87	80 00
88	57	94	88	32 00
88½	56	93	88½	21 00
89	62	86	89	92 00
90	52	89	90	10 00
91	58	91½	91	23 00
92	55	91	92	17 00
92½	54	90½	92½	14 00
95	64	87	95	102 00
97	67	88	97	116 00

Miscellaneous Rules.

33	82	33	2 00
34	80	34	3 00
35	81	35	6 00
41	83	41	3 50
43½	90½	43½	12 00
44	92	44	5 00
45	93	45	7 00
45½	94½	45½	18 00
46	876	46	8 00
46½	878	46½	8 00
47	886	47	12 00
47½	888	47½	12 00
48	89	48	12 00
48½	89½	48½	15 00

Chesterman's Brass Jointed Rules.

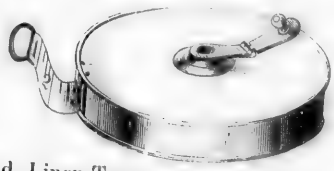
Two Feet, Two Fold.

No. 500, Without Stop at Joint, 8ths of inches, ¾ inch wide, - per dozen, $4 50
No. 501, With Stop at Joint, 8ths and 16ths of inches, ¾ inch wide, " 6 00

One dozen in a box.

Measuring Tapes.

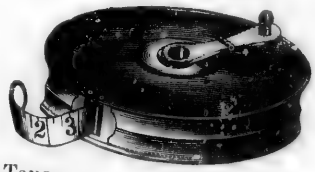
Ass Skin Case



Ass Skin Case, Brass Bound, Linen Tape.

Feet,	20	33	50	66
Per dozen,	$3 60	4 00	4 50	4 90

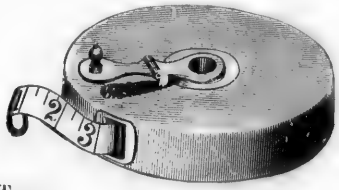
Patent Leather Case.



Patent Leather Case, Linen Tape.

Feet,	50	66
Per dozen,	$7 50	8 65

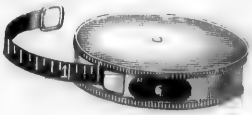
Solid Leather Case.



Solid Leather Case, Linen Tape.

Feet,	50	66
Per dozen,	12 75	13 50

Pocket Spring. Plated Case.



Plated Case, Linen Tape,

Nos.,	333	535
Feet,	3	5
Per dozen,	$4 00	4 75

Half dozen in a box or package.

Measuring Tapes.

Chestermen's Measuring Tapes.

Nos. 321 and 172

No. 321.

Red Enameled Leather Case with Folding Handle, ½ inch Linen Tape, marked on both sides, links on one and inches on the other.

Feet,	33	50	66	100
Each,	$1 50	2 10	2 40	3 15

No. 172.

Red Enameled Leather Case, with Folding Handle, ½ inch Metallic Tape, marked on both sides, links on one and inches on the other.

Feet,	50	66	100
Each,	$2 80	3 25	4 50

One in a paper.

No. 2800, Metallic Tapes without Case, to suit No. 172.

Feet,	50	66	100
Each,	$1 75	1 95	3 30

One in a package

Tailors' Measuring Tapes

5 feet, Brass Tipped. - - per gross, $4 50

One dozen in a package

Description of the Patent Improved Adjustable Plumbs and Levels.

[SECTIONAL DRAWING.]

The Spirit-Glass (or bubble tube), in the Level, is set in a Metallic Case, which is attached to the Brass Top-Plate above it at one end by a substantial hinge, and at the opposite end by an Adjustable Screw, which passes down through a flange on the Metallic Case. Between this flange and the Top-Plate above is inserted a stiff spiral spring; and by driving or slackening the Adjusting Screw, should occasion require, the Spirit-Glass can be instantly adjusted to a position paralled with the base of the Level.

The Spirit-Glass in the Plumb is likewise set in a Metallic Case attached to the Brass Top-Plate at its outer end. By the use of the Adjusting Screw at the lower end of the Top-Plate, the Plumb-Glass can be as readily adjusted to a right angle with the base of the Level, if occasion requires, and by the same method as adopted for the Level-Glass.

The simplicity of this improved method of adjusting the Spirit-Glasses will commend itself to every Mechanic. But one screw is used in the operation, and the action of the Brass Spring is perfectly reliable under all circumstances.

Plumbs and Levels.

No. 0.

No. 102, Level, Arch Top-Plate, two Side Views, Polished, Assorted 10 to 16 inches, - - - - - per dozen, $9 00

No. 103, Level, Arch Top-Plate, two Side Views, Polished, Assorted 18 to 24 inches, - - - - - per dozen, 12 00

No. 104, Plumb and Level, Arch Top-Plate, two Side Views, Polished, Assorted 12 to 18 inches, - - - - per dozen, 14 00

No. 00, Plumb and Level, Arch Top-Plate, two Side Views, Polished, Assorted 18 to 24 inches, - - - - per dozen, 16 00

No. 0, Plumb and Level, Arch Top-Plate, two Side Views, Polished, Assorted 24 to 30 inches, - - - per dozen 18 00

Half dozen in a box.

Plumbs and Levels.

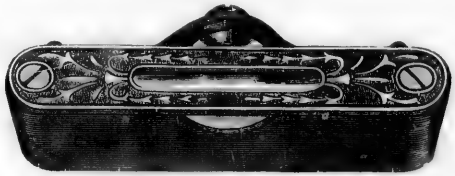
Patent Improved Adjustable Plumbs and Levels.

No. 3.

No. 2, Arch Top-Plate, two Brass Lipped Side Views, Polished, Assorted 26 to 30 inches, - - - - - per dozen, $27 00
No. 3, Arch Top-Plate, two Side Views, Polished and Tipped, Assorted 26 to 30 inches, - - - - - per dozen, 30 00
No. 5, Triple Stock, Arch Top-Plate, two Ornamental Brass Lipped Side Views, Polished and Tipped, Assorted 26 to 30 inches, - - per dozen, 48 00
No. 10, Mahogany, Triple Stock, two Ornamental Lipped Side Views, Polished and Tipped, Assorted 26 to 30 inches, - - per dozen, 60 00

Half dozen in a box.

Pocket Levels.



No. 40, Iron Pocket Level, Iron Top-Plate, Japanned, - - per dozen, $1 50
No. 41, Iron Pocket Level, Brass Top-Plate, Japanned, - " 1 80

One dozen in a box.

Comparative Numbers of Plumbs and Levels.

NON-ADJUSTABLE	Stanley	102	103	104	1½	1¾	00	0	01	02	03	04	05	06	7	7½
	Chapin	286	287	289	....	286	289½	290	291	290½	293½	293	294	....	....	310¼
	Disston & Morss	1	3	5	7	4	....	9	....	10	11	12	....	18	....	14
PATENT ADJUSTABLE	Stanley				1	2	3	4	5	6	9	10	11	25	32	35
	Chapin				491	490½	493½	493	494	492	497	498	....	....	....	....
	Disston & Morss				19	15	16	17	22	20	21	23	....	....	....	....

Level Glasses.

Inches,	1½	2	2½	3	3½	4	4½	Assorted 2 to 3½
Per gross,	$6 00	6 40	6 70	7 30	8 25	9 25	10 25	7 65

One dozen in a box.

Plumb Bobs.

Half Size Cut of No. 00.

Half Size Cut of No. 1.

No. 00, Japanned Iron, Adjusted Top, Weight 1 pound 2 ounces each, per doz., $2 25
No. 1, Japanned Iron, Staple Top, Weight 9 ounces each, - " 1 10

No. 00, half dozen in a box. No. 1, one dozen.

Half Size Cut of No. 13.

No. 13, Mason's Wired Lead, Weight 1 pound each, - - per dozen, $3 75
No. 15, Mason's Wired Lead, Weight 2 pounds each, - " 6 75

No. 13, half dozen in a box. No. 15, quarter dozen.

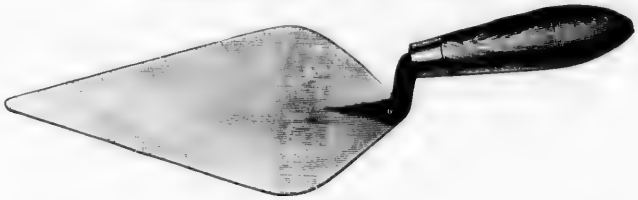
Cast Brass.

No. 2, Cast Brass Polished, Steel Pointed, Weight 6½ ounces each, per dozen, $6 00
No. 3, Cast Brass Polished, Steel Pointed, Weight 12 ounces each, " 9 00

Half dozen in a box.

Trowels.

Brades & Co.'s W. H. S., Brick.



LONDON PATTERN.

Inch,	11	11½	12	12½	13
Per dozen,	$13 50	14 05	14 60	15 20	15 75

Disston's Brick.

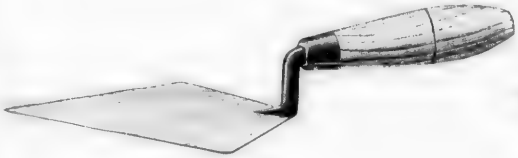
LONDON PATTERN.

Inch,	11	11½	12	12½	13
Per dozen,	$13 75	14 40	15 00	16 00	16 90

Cast Steel, Brick Trowels, 11 inch, - - - per dozen, $
Iron Brick Trowels, 10 inch, - - - - "

Quarter dozen in a package.

Pointing Trowels.



English.

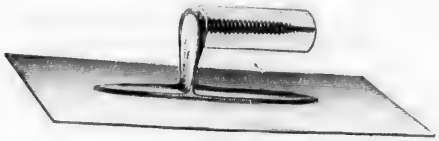
Disston's.

Inch,	5½	6	Inch,	5½	6
Per dozen,	$5 25	5 25	Per dozen,	$6 25	6 60

Half dozen in a box or package.

Plastering Trowels.

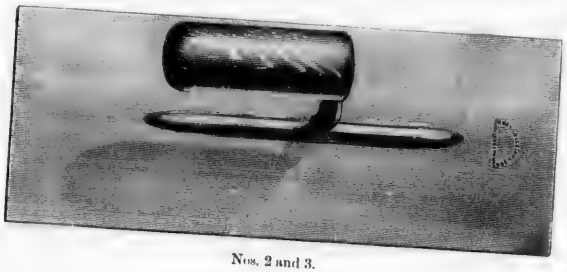
Leston's.



No. 1.

Inch,	11	11½	12
Per dozen,	$15 25	16 75	18 50

The handles of the No. 1 Plastering Trowels are attached by means of a screw, as shown in the cut above, a method which we deem to be much superior to the old style of riveting. In case of accident or breakage, a new handle can be substituted by any mechanic.



Nos. 2 and 3.

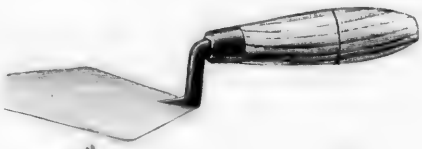
No. 2.

Inch,	11	11½	12
Per dozen,	$13 50	14 50	15 75

No. 3.

Inch,	11	11½	12
Per dozen,	$8 50	9 25	10 00

Marple's Gauging Trowels.



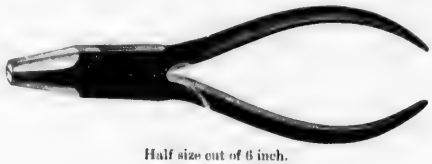
Inch,	6	6½	7
Per dozen,	$9 00	9 25	9 50

Marple's Plasterers' Joint Rules.

Inch,	6	8	10	12	14	16	18
Per dozen,	$3 60	4 75	6 10	7 20	8 55	9 70	10 80

Plasterers' Small Tools, Assorted, per dozen, $4 50

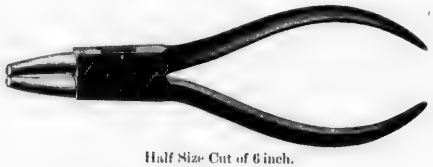
W. & C. Wynn & Co.'s Cast Steel Plyers.



Half size cut of 6 inch.

Flat Nose Cast Steel, Bright.

No.	448	450	452	454	456	458	460
Inch,	4½	5	5½	6	6½	7	7½
Per doz.,	$3 00	3 75	4 50	5 25	6 00	6 75	7 25



Half Size Cut of 6 inch.

Round Nose, Cast Steel, Bright.

No.	449	451	453	455	457	459	461
Inch,	4½	5	5½	6	6½	7	7½
Per doz.,	$3 00	3 75	4 50	5 25	6 00	6 75	7 25

One dozen in a box.

German Flat Nose Plyers.

Half Size cut of 6 inch.

No. 1 D, Black Finish.

Inch,	4	4½	5	6	7
Per dozen,	$1 30	1 45	1 60	1 95	2 70

No. 1 G, Bright Finish.

Inch,	4	4½	5	6	7
Per dozen,	$1 75	1 95	2 05	2 55	3 15

One dozen in a box.

German Round Nose Plyers.

Half Size Cut of 6 Inch.

No. 1½ D, Black Finish.

Inch,	4	4½	5	6	7
Per dozen,	$1 30	1 45	1 60	1 95	2 70

No. 1½ G, Bright Finish.

Inch,	4	4½	5	6	7
Per dozen,	$1 75	1 95	2 05	2 55	3 15

One dozen in a box.

Cast Steel Side Cutting Plyers.

Half Size Cut of 6 Inch.

W. & C. Wynn & Co.'s No. 474, Black Finish, Bright Cutters.

Inch,	5¾	6	7	8
Per dozen,	$9 40	10 30	17 40	21 00

German No. 1313A, Black Finish, Bright Cutters.

Inch,	5	6	7
Per dozen,	$7 50	8 80	11 00

Half dozen in a box.

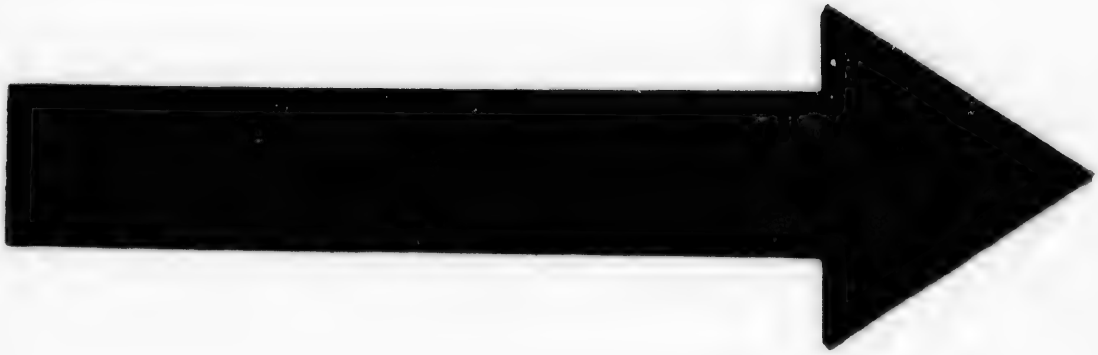
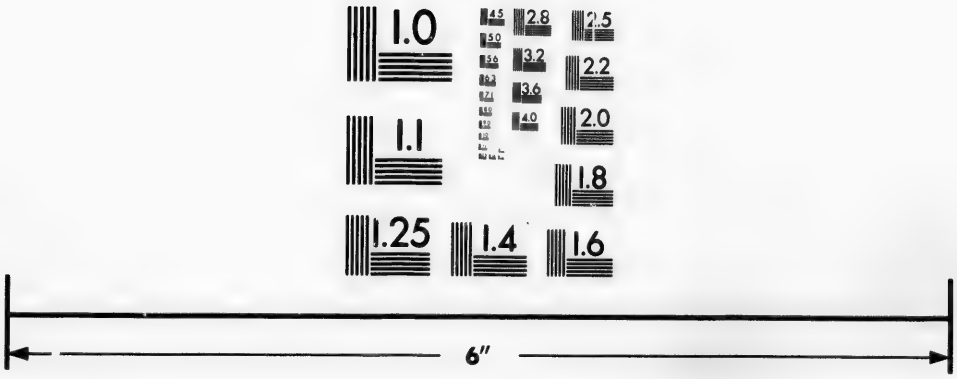


IMAGE EVALUATION
TEST TARGET (MT-3)



Photographic
Sciences
Corporation

23 WEST MAIN STREET
WEBSTER, N.Y. 14580
(716) 872-4503

2.8
2.5
3.2
3.6
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2.0
1.8
1.1
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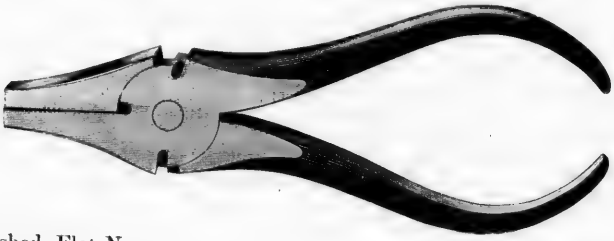
Button's Pattern Cast Steel Plyers.



6 Inch, Polished, Flat Nose,	per dozen,	$8 10
6 Inch, Polished, one Flat and one Round Nose,	"	8 55
8 Inch, Black, Flat Nose, to cut up to No. 8 Wire,	"	15 75
10 Inch, Black, Flat Nose, to cut up to No. 6 Wire,	"	25 00

The 6 inch are specially adapted to bell-hangers; the 8 and 10 inch are adapted to fencing and other heavy work.

They are ahead of all others for quality and durability.

Half dozen in a box.

Cast Steel End Cutting Nippers.

Black Finish, Polished Cutters.

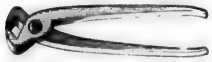
Nos. 477 and 1307a.

W. & C. Wynn & Co.'s No. 477.

Inch,	5	6
Per dozen,	$7 50	9 40

German No. 1307 A.

Inch,	5	6
Per dozen,	$6 30	7 65



Style of Nos. 939, 941, 943.

W. & C. Wynn & Co.'s.

No.	939	941	943
Inch,	6½	7½	8½
Per dozen,	$3 75	4 75	6 60

Half dozen in a box or package.

Carpenters' Pincers.

WROUGHT, WITH STEEL JAWS.

No. 4176, with Half Polished Jaws.

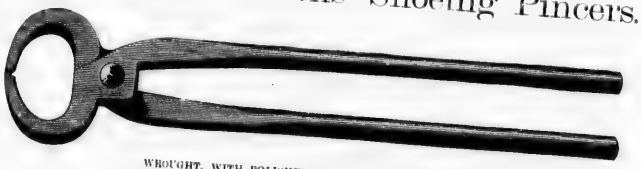
Inch,	6	7	8	10
Per dozen,	$1 60	1 80	2 25	4 50

No. 4182, with Full Polished Steel Jaws.

Inch,	6	7	8	10
Per dozen,	$2 25	2 75	3 40	5 70

Half dozen in a package.

Wynn's Blacksmiths' Shoeing Pincers.



WROUGHT, WITH POLISHED STEEL JAWS, JAPANNED.

Nos.	1038	1039	1040	1041
Inch,	10	11	12	13
Per dozen,	$7 50	8 50	9 50	12 30

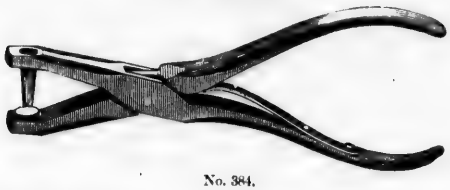
Wynn's Shoe Pincers.

Nos.	1	2	3
Per dozen,	$5 00	5 75	6 25

Half dozen in a package.

Spring Punches.

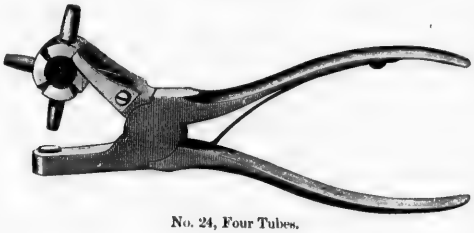
Full Size of Holes.



No. 384.

No. 384, 6½ inch, Assorted Tubes, - - - per dozen, $6 45

Extra Tubes (Tubes only), Assorted, - - - per dozen, $1 35



No. 24, Four Tubes.

Revolving.

No. 24, Four Tubes, Assorted Sizes, - - - per dozen, $19 00

No. 24, half dozen in a box; No. 384, one dozen.

Belt or Saddlers' Punches.

Full Size Cut of No. 6.

Nos.	1	2	3	4	5	6	7	8	9	10	12
Per dozen,	$1 65	1 65	1 65	1 65	1 65	1 65	1 90	2 10	2 50	2 70	4 00

Can send assorted when required.

One dozen in a box.

Cast Steel Figure Punches.

For Iron or Steel.

Inch,	$\frac{1}{8}$	$\frac{3}{16}$	$\frac{1}{4}$
Per set,	$1 20	1 50	1 95

One set in a package.

Peg Breaks.

No. 12. No. 50.

No. 12, Cast Steel Hand Peg Break, - - - per dozen, $4 00
No. 50, Patent Counter Peg Breaks, Adjustable, - " 22 50

Cold Chisels.

Cold Chisels, made of Best Octagon Cast Steel, - - per pound, $0 35

Inches,	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1
Weight per dozen,	$2\frac{1}{4}$	$3\frac{1}{2}$	7	10	14	18 lbs.

Cast Steel Nail Sets.

Bright Cast Steel, Octagon, assorted $\frac{1}{4}$ and $\frac{5}{16}$ inch, - per gross, $6 00

One dozen in a box.

Cast Steel Rivet Sets.

Full Size Cut of No. 3.

Nos. 2 and 3 assorted, - - - - per dozen, $4 50

No. 2 is suitable for No. 7 Rivets, and No. 3 for No. 8 Rivets.

Half dozen in a box.

Soldering Coppers.

SQUARE POINTS FOR COMMON USE.

No.,	$1\frac{1}{2}$	2	3	4
Weight per pair,	$1\frac{1}{2}$	2	3	4 lbs.
Per pound,	-	-	-	$0 45

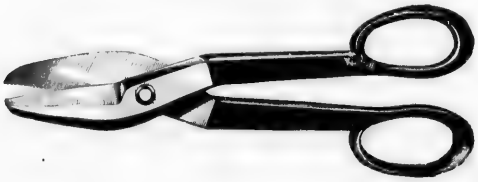
No. 2, Soldering Iron and Scraper.

Box of Resin. Bar of Solder.

Price per dozen sets, No. 2, - - - - - $9 75

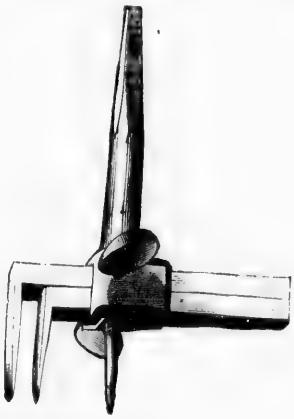
One set in a wood box.

Tinners' Snips.



Nos.	7	8	9
Inch Cut,	4	$3\frac{1}{2}$	3
Each,	$3 65	2 90	2 50

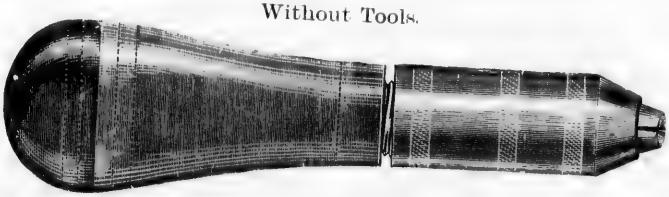
Penny's Washer Cutters.



No. 1, Penny's Washer Cutters, Japanned, - - per dozen, $12 00

Miller's Falls Tool Holders.

Without Tools.



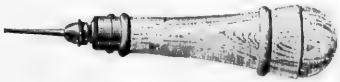
Full Size Cut.

No. 2, Maple Handle, with Patent Adjustable Chuck, - - per dozen, $6 75

Will hold anything from a small brad awl to a 12 inch mill file.

Brad Awls and Tools.

English Pattern.



Third size cut of Nos. 800 and 801.

No. 800, Beechwood Handle, with Eight Tools, - - per dozen, $3 75
No. 801, Boxwood Handle, with Eight Tools, - - " 4 87

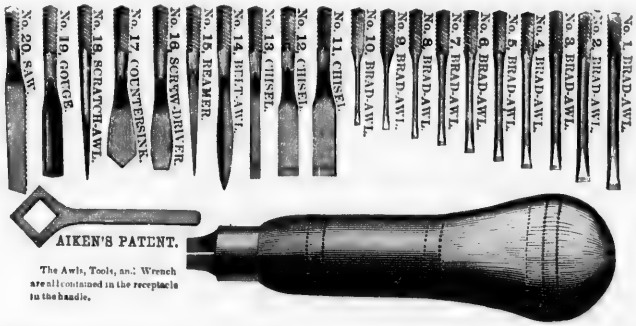
Half dozen in a box.

Brad Awls and Tools.

American Pattern.

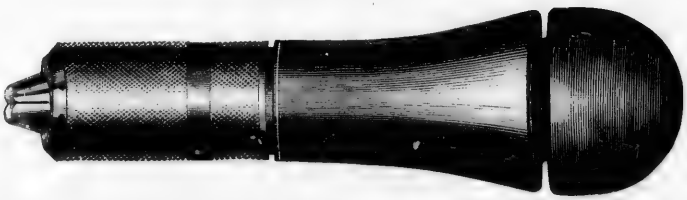
No. 2, Excelsior, Iron Handle, with Twelve Tools, - - per dozen, $5 40

Aiken's Pattern.



No. 1409, Applewood Handle, with Twenty Tools, - - per dozen, $7 00

Reading Pattern.



No. 40, Rosewood Handle, with Twenty Extra Large Tools, - per dozen, $18 00

Half dozen in a box.

lozen, $5 40

ozen, $7 00

zen, $18 00

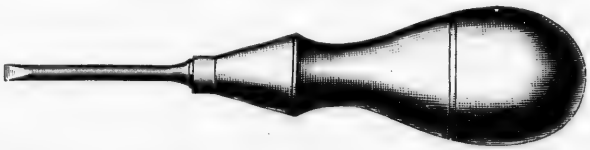
Handled Scratch Awls.

No. 1, Forged Cast Steel, Heavy, Beech Handle, - - per dozen, $0 90

No. 100, Forged Cast Steel, Extra Quality, Beech Handle, - per dozen, $2 00

One dozen in a box.

Handled Brad Awls.



Round Handled Brad Awls, Cast Steel, Assorted, - - per gross, $5 85
Oval Handled Brad Awls, Cast Steel, Assorted, - - - " 7 50

Quarter gross in a box.

Brad Awls.

No. 911, Awls only, Assorted, Medium, - - - per gross, $1 95
No. 58, Awls only, Regular Assortment, - - " 3 00
No. 36, Awls only, Assorted, Extra Large, - - - " 3 90
No. 47, Awls only, Assorted, Small, for Cabinet and Fret Work, " 3 00

Half gross in a box or package.

Peg Awls.

Nos. 40 and 41, Patent Peg Awl.

No. 43, Shouldered Peg Awl.

Patent Peg Awls.

No. 41, Assorted,	per gross,	$0 95
No. 40, Assorted, Extra Polished,	"	1 15

One gross in a box.

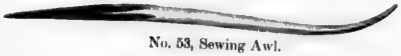
Shouldered Peg Awls.

No. 43, Assorted,	per gross,	$1 35

Half gross in a box.

Sewing Awls.

No. 51, Patent Sewing Awl



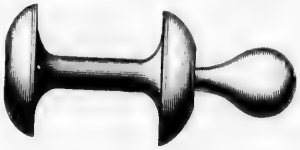
No. 53, Sewing Awl.

No. 55, Saddler's Awl.

No. 50, Patent Sewing Awls, Assorted,	per gross,	$1 90
No. 53, Sewing Awls, Assorted,	"	1 60
No. 55, Saddlers' Awls, Assorted,	"	1 80
No. 310, Round Stabbing Awls, Assorted,	"	1 80

Half gross in a box.

Chalk Line Reels.



Chalk Line Reels, Beechwood,	per dozen,	$0 55
Chalk Line Reels, with Steel Scratch Awls,	"	1 50

One dozen in a box.

Awl Hafts.

No. 6, Peg Awl Haft.

No. 20, Peg Haft, Polished Hickory, Brass Ferrule, - per gross, $4 25
No. 6, Peg Haft, Polished Hickory, Steel Screw and Nut, with Wrench, per doz., 0 90

No. 21, Sewing Awl Haft.

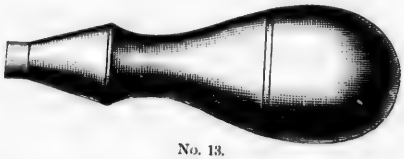
No. 21, Sewing Haft, Polished Maplewood, Brass Ferrule, - per gross, $4 25

No. 6½, Sewing Awl Haft.

No. 6½, Sewing Haft, Polished Applewood, Steel Screw and Nut, with Wrench, per dozen, $0 90

One dozen in a box.

Brad Awl Handles.



No. 13.

No. 13, Polished Hickory, Round, - - - per gross, $4 50
No. 15, Polished Hickory, Oval, - - - - " 5 10

Quarter gross in a package.

Saw Handles.

Panel Saw Handle.

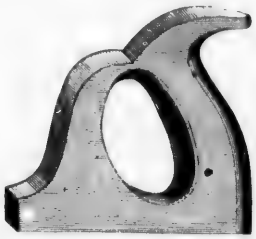
Hand Saw Handle.

Compass Saw Handle.

No. 2, Hand Saw Handles, Beech, Varnished Edges,	per dozen,	$1 50
No. 3, Hand Saw Handles, Beech, Plain Edges,	"	1 35
No. D8, Hand Saw Handles, Apple, Varnished Edges,	"	5 00
No. 4, Panel Saw Handles, Beech, Varnished Edges,	"	1 50
No. 7, Back Saw Handles, Beech, Varnished Edges,	"	1 30
Interchangeable Compass Saw Handles, Varnished Edges,	"	3 75

Plane Handles.

Jack Plane Handle.



Fore Plane Handle.

Jack Plane Handles, Beech,	per dozen,	$0 50
Fore or Jointer Plane Handles, Beech,	"	0 90

One dozen in a box or package.

a Saw Handle.

dozen,	$1 50
"	1 35
"	5 00
"	1 50
"	1 30
"	3 75

dozen,	$0 50
"	0 90

Auger Handles.

Swan's Patent.

Douglass' Patent.

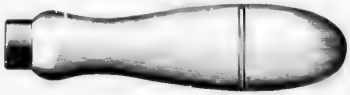
Swan's Patent Auger Handle, Applewood, fitting any size Auger,	per set,	$2 10
Douglass' Patent Auger Handle, Applewood, fitting any size Auger,	"	2 60

One set of two in a package.

Common.

Auger Handles, Hickory, Assorted, - - -	per dozen,	$0 90

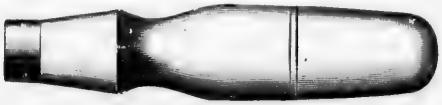
File Handles.



No. 21, Basswood File Handles, Brass Ferrule, Assorted, 4 Sizes,	per gross,	$3 60

Quarter gross in a box.

Chisel Handles.



Polished Applewood, Tanged Firmer Chisel Handles, Brass Ferrules.

Nos.	11	12	13
Assortment,	6 Sizes	4 Larger Sizes	2 Larger Sizes.
Per gross,	$7 05	7 50	9 40

Twelfth gross in a box.

Chisel Handles.

Polished Applewood Socket Firmer Chisel Handles.

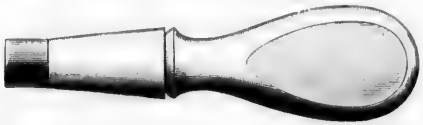
Nos.	61	63
Assortment,	6 Sizes	4 Larger Sizes.
Per gross,	$5 62	6 50

Polished Hickory Socket Framing Chisel Handles, Malleable Ferrules.

Nos.	73	76
Assortment,	4 Larger Sizes	Large Size only.
Per gross,	$7 50	9 00

Twelfth gross in a box.

Turnscrew Handles.



Polished Beechwood, Assorted, Large,	per dozen,	$1 20
Polished Beechwood, Assorted, Extra Large,	"	1 45
Marple's Varnished Beechwood, Assorted for 5, 6, 7 and 8 inch,	"	2 25

One dozen in a box.

Brass Ferrules.

Brass Ferrules for Tanged Firmer Chisel Handles, Assorted, Nos. 0 to 5, per gross, $1 20

One gross in a box.

Handles.

Turned Axe Handles.

No. 1, Turned Axe Handles, all White, 36-inch,	per dozen,	$3 00
No. 2, Turned Axe Handles, all White, 36-inch,	"	2 25
No. 3, Turned Axe Handles, Mixed, 36-inch,	"	1 50
No. X, Turned Axe Handles, all White, 36-inch,	"	3 75
No. XX, Turned Axe Handles, all White, 36-inch,	"	4 50

Shaved Axe Handles.

No. X, Hand-Shaved, Octagon Axe Handles, all White, 36-inch,	per dozen,	$3 75
No. XX, Hand-Shaved, Octagon Axe Handles, all White, 36-inch,	"	4 50
No. XX, Hand-Shaved, Octagon Axe Handles, all White, 40-inch,	"	4 75
No. 2, Boys' Turned Axe Handles, all White, 26-inch,	"	2 50

Two dozen in a box.

Broad Axe Handles.

No. Extra, Broad Axe Handles, all White, Right or Left Hand, 26-in.,	per dozen,	$4 00
No. 1, Broad Axe Handles, all White, Right or Left Hand, 26-inch,	"	2 80

Adze Handles.

No. Extra, Adze Handles, all White, 32-inch,	per dozen,	$4 50
No. 1, Adze Handles, all White, 32-inch,	"	3 60

Railroad-Pick Handles.

No. Extra, Railroad-Pick Handles, all white, 36-inch,	per dozen,	$4 50
No. 1, Railroad-Pick Handles, Mixed, 36-inch,	"	1 75

Hatchet Handles.

Shingling Hatchet.

Bench Axe.

No. Extra, Shingling or Claw Hatchet Handles, 14-inch,	per dozen,	$0 75
No. Extra, Bench Axe Handles, 16-inch,	"	1 00
No. Extra, Bench Axe Handles, 17-inch,	"	1 12
No. Extra, Bench Axe Handles, 18-inch,	"	1 30

Handles.

Hammer Handles.

Adze Eye.

No. Extra, Adze Eye Hammer Handles, all White, 14-inch, - per dozen, $0 95

Machinists'.

Extra Machinists' Hammer Handles, all White.

Inches,	16	18	20	22	24
Per dozen,	$1 00	1 20	1 35	1 45	1 60

Sledge Handles.

No. Extra, Sledge Handles, all White, 30-inch, - - per dozen, $2 25
No. Extra, Sledge Handles, all White, 36-inch, - - " 2 70

Mallets.

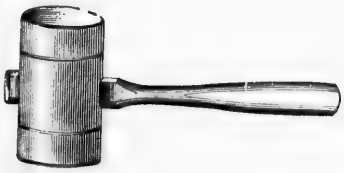
Tinners' Round.

No. 4.

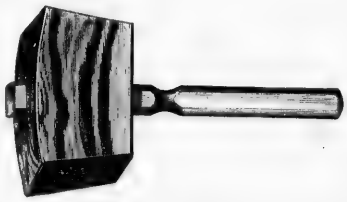
No. 4, Hickory, 5½ inches long, Assorted 2¼ and 2½ inches face, per dozen, $1 50

Mallets.

Carpenters'.



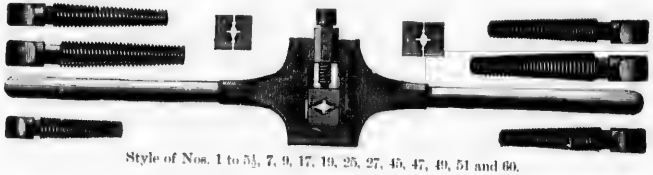
Nos. 3, 3½, 4, 5, 6 and 7.



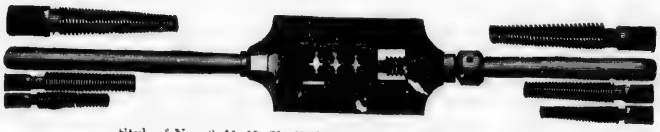
Nos. 3½, 4, 4½, 11, 12 and 13.

No. 3,	Round Hickory, Mortised, 5½ inches long, 3 inch face, -	per dozen,	$4 10
No. 3½,	Round Hickory, Mortised, 6 inches long, 3½ inch face,	"	4 50
No. 4,	Round Hickory, Mortised, 6½ inches long, 4 inch face,	"	4 90
No. 3½,	Square Hickory, Mortised, 6 inches long, 2½ x 3½ inch face,	"	4 50
No. 4,	Square Hickory, Mortised, 6½ inches long, 2¾ x 4 inch face,	"	5 25
No. 4½,	Square Hickory, Mortised, 7 inches long, 3 x 4½ inch face,	"	6 00
No. 5,	Round Lignumvitæ, Mortised, 5 inches long, 3 inch face, -	"	4 50
No. 6,	Round Lignumvitæ, Mortised, 5½ inches long, 3½ inch face,	"	6 00
No. 7,	Round Lignumvitæ, Mortised, 6 inches long, 4 inch face, -	"	7 50
No. 11,	Square Lignumvitæ, Mortised, 6 inches long, 2½ x 3½ inch face,	"	5 62
No. 12,	Square Lignumvitæ, Mortised, 6½ inches long, 2¾ x 3¾ inch face,	"	7 15
No. 13,	Square Lignumvitæ, Mortised, 7 inches long, 3 x 4 inch face,	"	8 62

J. M. King & Co.'s Stocks and Dies.



Style of Nos. 1 to 5½, 7, 9, 17, 19, 25, 27, 45, 47, 49, 51 and 60.



Style of Nos. 6, 11, 15, 21, 23, 32, 33, 34, 35, 37, 38, 41, 42 and 53.

Nos.	Price Each.	Size Right Hand.	Size. Left Hand.	No. of Taps.	No. of Dies.	Nos.	Price Each.	Size. Right Hand.	Size. Left Hand.	No. of Taps.	No. of Dies.
1	$60 00	2 to 1 In.	2 to 1 In	8	4	60	$6 50	3/8 to 1/8 In.	.....	6	4
2	60 00	2 to 7/8 In.	.....	8	4	6	20 00	1½ to 1 In.	1½ to 1 In.	4	2
3	45 00	1¼ to 5/8 In.	1 7/8 to 5/8 In.	8	4	11	10 00	1½ to 3/8 In.	1¼ to 5/8 In.	4	3
4	45 00	1 3/4 to 3/8 In.	.....	8	4	15	10 00	1¼ to 1/4 In.	.....	5	3
5	35 00	1½ to 3/8 In.	1½ to 3/8 In.	8	4	21	6 00	1 to 1/2 In.	1 to 3/8 In.	4	3
5½	35 00	1½ to 3/4 In.	.....	8	4	23	5 00	1 to 3/8 In.	.....	3	3
7	12 00	1¼ to 3/8 In.	1¼ to 7/8 In.	6	3	32	5 00	3/8 to 3/8 In.	3/8 to 3/8 In.	4	4
9	12 00	1¼ to 1/2 In.	.....	6	3	33	4 00	3/8 to 1/4 In.	3/8 to 1/2 In.	2	2
17	9 00	1 to 1/2 In.	1 to 3/8 In.	6	3	34	4 50	3/8 to 3/16 In.	.....	3	3
19	9 00	1 to 3/8 In.	.....	6	3	35	4 00	3/8 to 3/16 In.	.....	2	2
25	6 50	3/4 to 3/8 In.	3/4 to 1/2 In.	6	3	37	4 25	3/8 to 3/8 In.	.....	6	3
27	6 50	3/4 to 3/8 In.	.....	6	3	38	4 50	3/8 to 3/16 In.	3/8 to 3/16 In.	6	3
45	5 50	5/8 to 5/16 In.	3/8 to 5/16 In.	6	3	41	3 25	1/2 to 1/4 In.	.....	6	3
47	5 50	5/8 to 1/4 In.	.....	6	3	42	3 50	1/2 to 3/16 In.	1/2 to 5/16 In.	6	3
49	4 50	1/2 to 1/4 In.	1/2 to 5/16 In.	6	3	53	2 75	5/16 to 1/16 In.	.....	4	4
51	4 50	1/2 to 3/16 In.	.....	6	3						

We have in stock Nos. 21, 23, 32, 33, 34, 35, 37, 38, 41, 42 and 53, but can supply any other number on short notice.

One set in a package.

J. M. King & Co.'s Plug and Taper Taps.

Plug.

Size.	Price of each Tap.	Hand.	Threads to the Inch.	Taps in box.
$\frac{1}{8}$ inch.	$0 30	R	30, 32,	6
$\frac{3}{16}$ inch.	0 30	R	24, 26, 28,	6
$\frac{1}{4}$ inch.	0 30	R	18, 20, 22, 24, 26,	6
$\frac{5}{16}$ inch.	0 30	R	16, 18, 20, 22,	6
$\frac{3}{8}$ inch.	0 35	R	12, 14, 16, 18,	6
$\frac{7}{16}$ inch.	0 40	L	14,	6
$\frac{7}{16}$ inch.	0 40	R	12, 14, 16, 18,	6
$\frac{1}{2}$ inch.	0 40	L	12, 14,	4
$\frac{1}{2}$ inch.	0 40	R	12, 14, 16,	6
$\frac{9}{16}$ inch.	0 50	L	12,	4
$\frac{9}{16}$ inch.	0 50	R	12, 14,	6
$\frac{5}{8}$ inch.	0 50	L	10, 12,	4
$\frac{5}{8}$ inch.	0 50	R	10, 11, 12, 14,	6
$\frac{3}{4}$ inch.	0 65	L	10, 12,	4
$\frac{3}{4}$ inch.	0 65	R	7, 8, 9, 10, 12,	6
$\frac{7}{8}$ inch.	0 90	L	9,	4
$\frac{7}{8}$ inch.	0 90	R	9, 10,	4
1 inch.	1 25	L	8, 9,	2
1 inch.	1 25	R	7, 8, 9,	2
$1\frac{1}{4}$ inch.	1 75	L	8, 9,	2
$1\frac{1}{4}$ inch.	1 75	R	6, 7, 8, 9,	2
$1\frac{1}{2}$ inch.	3 00	L	6, 7, 8,	2
$1\frac{1}{2}$ inch.	3 00	R	6, 7, 8,	2

We have in stock Taper Taps, $\frac{1}{4}$ to $\frac{7}{8}$ inch, Right Hand, but can supply any other Style and Size on short notice.

Half dozen in a box.

Bellows.

Blacksmiths'

Parlor or Hand Bellows.

Blacksmiths'.

32 inch Bellows, Five Ribbed,	each,	$15 75
34 inch Bellows, Five Ribbed,	"	18 00
36 inch Bellows, Five Ribbed,	"	20 00

Can supply any Size on short notice.

Parlor or Hand Bellows.

English Hand Bellows, 9 inch,	per dozen,	$8 25
German Hand Bellows, 7 inch,	"	5 00

Stones.

No. 1, Turkey Oil Stones, 7 inches long, Assorted, - -	per pound,	$0 75
No. Extra, Washita Oil Stones, 8 in. long, Assorted, 1 to 1½ lbs. each,	"	0 45
No. 1, Washita Oil Stones, 8 inches long, Assorted, 1 to 1½ lbs. each,	"	0 40
No. 2, Hindostan Oil Stones, 8 inches long, Assorted, -	"	0 12
No. Extra, Water of Ayr Water Stones, 8 inches long, Assorted, 1¼ to 1½ lbs. each, - - - - -	per pound,	0 14
No. 1, Washita Oil Slips, Round Edge, - - -	"	0 75
No. 2, Hindostan Oil Slips, Round Edge, - -	"	0 16
No. 2, Kitchen Sand Stones, 8 x 1½ x 1½ inches, - -	"	0 12
No. 2, Hindostan Axe Stones, Assorted, 3 to 4 ounces each,	"	0 16
No. Extra Water of Ayr Axe Stones, Assorted, 2½ to 3 ounces each,	"	0 17

Scythe Stones.

No. 1, Indian Pond, - - - - - per gross, $8 25

Pike's Lamoille Bluestone, - - - - per gross, $13 50

No. 1, Star, Soft Coarse Grit, - - - - per gross, $6 00

Quarter gross in a box.

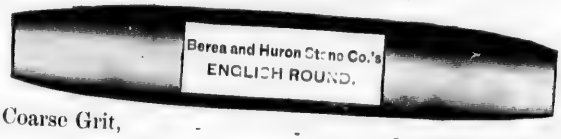
nd, $0 75
0 45
0 40
0 12
lbs.
nd, 0 14
0 75
0 16
0 12
0 16
0 17

ss, $8 25

s, $13 50

s, $6 00

Scythe Stones.

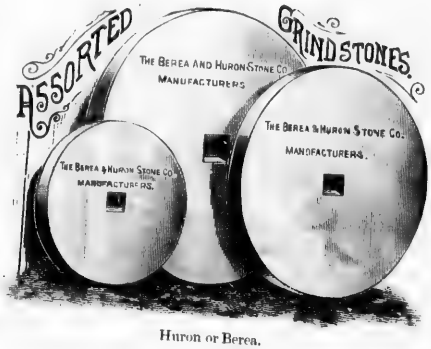


Round English Coarse Grit, - - - - per gross, $20 00

Sixth gross in a box.

Grind Stones.

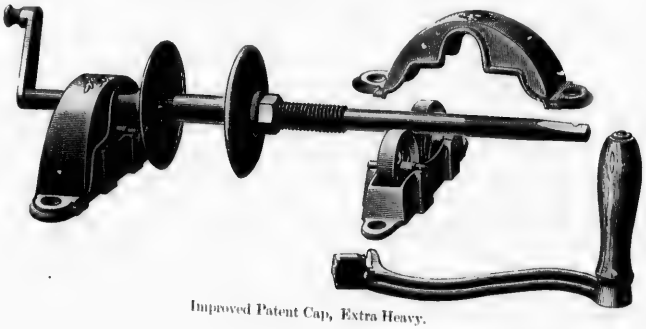
Family or Kitchen.



Huron or Berea.

Family 7 inch Stone, Select and Mounted, - - - per dozen, $13 50
Grind Stones, 25 to 120 lbs., Assorted, - - - per ton, 30 00

Grind Stone Fixtures.



Improved Patent Cap, Extra Heavy.

Inches,	15	17
Per dozen,	$6 00	6 75

Half dozen in a box.

Tool Baskets.

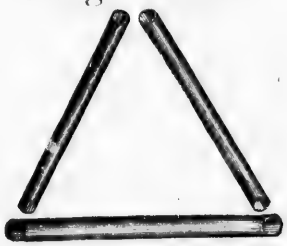
Bound.

Inches,	30	33	36
Per dozen,	$4 80	6 00	7 50

Bound and Lined.

Inches,	30	33	36
Per dozen,	$8 00	9 25	10 05

Gauge Glasses.



Size,	½ x 10	½ x 12	½ x 14	⅝ x 12	⅝ x 14	¾ x 12	¾ x 14
Per dozen,	$1 40	1 50	1 65	1 65	1 90	2 25	2 40

Improved Giant Nail Pullers.

No. 1, Large Improved, 18 inches long, - - - - each, $4 75

Box Scrapers.

Double Handle.

Single Handle.

Single Handle, Cast Steel Box Scrapers, - - - per dozen, $3 75
Double Handle, Cast Steel Box Scrapers, - - " 7 50

Half dozen in a box.

36
7 50

36
10 05

x 12 ¾ x 14
2 25 2 40

each, $4 75

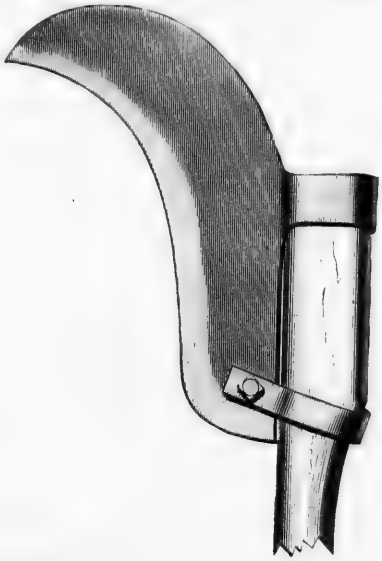
er dozen, $3 75
" 7 50

Box Scrapers.

STEARNS'.

No. 60, Stearns', Cast Steel Blade, 2½ inch Cut, Adjustable, 12 inch Japanned Handle, - - - - - per dozen, $8 25

Handled Bush Hooks.



Cast Steel Bush Hooks, Gold Bronzed, - - - per dozen, $16 50

Adze Eye Mattocks.

Warnock & Co.'s Cast Steel, Short Cutter, Axe Finish, 5½ lbs. each, per dozen, $13 50
American Cast Steel, Short Cutter, Axe Finish, 5½ lbs. each, - " 12 00

Adze Eye Pick Mattocks.

Warnock & Co.'s Cast Steel, Axe Finish, 5 lbs. each, - per dozen, $13 50

Adze Eye Clay Picks.

Warnock & Co.'s Cast Steel, Assorted, 5 to 6 lbs., - - per dozen, $10 50
Warnock & Co.'s Cast Steel, Assorted, 6 to 7 lbs., - " 11 25
American Cast Steel, Assorted, 5 to 6 lbs., - - - " 10 25
American Cast Steel, Assorted, 6 to 7 lbs., - - " 11 00

Grub Hoes.

Warnock & Co.'s Cast Steel, Axe Finish, 4 inch cut, 4 lbs. each, - per dozen, $10 50

Crow Bars.

PINCH POINT.

WEDGE POINT.

Steel, Pinch or Wedge Point, - - - per pound, $0 10½

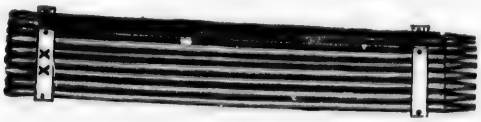
dozen, $13 50

dozen, $10 50
11 25
10 25
11 00

ozen, $10 50

und, $0 10½

Hay Fork Handles.



X Quality.

Hay Fork Handles, 4½ feet, Chucked and Bored,	per dozen,	$1 40
Hay Fork Handles, 5 feet, Chucked and Bored,	"	1 50
Hay Fork Handles, 5½ feet, Chucked and Bored,	"	1 65
Hay Fork Handles, 6 feet, Chucked and Bored,	"	1 85

For bent add 50 cents per dozen.

Bent Manure Fork and Shovel Handles.

Long Bent Manure Fork Handles, 4½ feet, Chucked and Bored,	per dozen,	$1 80
Short Bent Manure Fork Handles, 3 feet long, Chucked and Bored, fitted for iron D,		
Long Bent Shovel Handles,	per dozen,	1 30
Long Bent Spade Handles,	"	2 25
	"	3 00

Garden Rake and Hoe Handles.

Garden Rake Handles, 5½ feet long,	per dozen,	$1 35
Field Hoe Handles, 4½ feet long,	"	1 05

Manure Fork Handles, Iron, D Bent and Riveted, Chucked and Bored, per doz., $3 00

Wood D is illustrated, we keep the iron D in stock.

Shovel Handles, D Bent and Riveted,	per dozen,	$3 30
Spade Handles, D Bent and Riveted,	"	3 30
Scoop Handles, D Bent and Riveted,	"	3 50

Ferrules.

Plain Ferrule.

Malleable D.

Hay Fork Ferrules, Lap-Welded, Polished,	per dozen,	$0 75
Manure Fork Ferrules, Lap-Welded, Polished,	"	0 90
Hoe Handle Ferrules, Lap-Welded, Polished,	"	0 70
Malleable D's, Fitted for Fork and Shovel Handles,	"	2 00

Boys' Hay Forks.

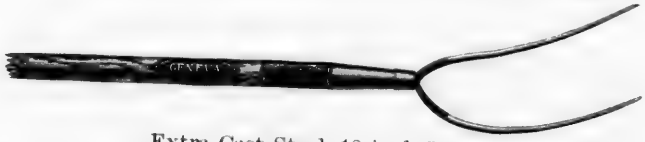
With Improved Double Round End Slotted Ferrules.

Extra Cast Steel, 10½ inch Tines.

Oval, Two-Tine, Plain Ferrule, Straight Handle, 4½ feet long, - per dozen, $5 50

Hay Forks.

With Improved Double Round End Slotted Ferrules.



Extra Cast Steel, 12 inch Tines.

Oval, Two-Tine, Plain Ferrule, Straight Handle,	per dozen,	$6 00
Oval, Two-Tine, Strapped Ferrule, Straight Handle,	"	7 25

Extra Cast Steel, 12 inch Tines.

Oval, Two-Tine, Plain Ferrule, Bent Handle,	per dozen,	$6 50
Oval, Two-Tine, Strapped Ferrule, Bent Handle,	"	7 75

Can supply Socket when required.

Handles Assorted 4½ to 6 feet.

One dozen in a bundle.

r dozen, $0 75
" 0 90
" 0 70
" 2 00

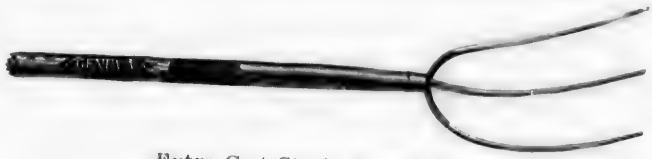
dozen, $5 50

dozen, $6 00
" 7 25

ozen, $6 50
" 7 75

Hay Forks.

With Improved Double Round End Slotted Ferrules.



Extra Cast Steel, 12 inch Tines.

Oval, Three-Tine, Plain Ferrule, Straight Handle, - - per dozen, $7 50
Oval, Three-Tine, Strapped Ferrule, Straight Handle, - - " 8 75

Extra Cast Steel, 12 inch Tines.

Oval, Three-Tine, Plain Ferrule, Bent Handle, - - per dozen, $8 00
Oval, Three-Tine, Strapped Ferrule, Bent Handle, - - " 9 25

Can supply Socket Forks when required.

Handles assorted 4½ to 6 feet.

Straw Forks.

With Improved Double Round End, Slotted Ferrule.

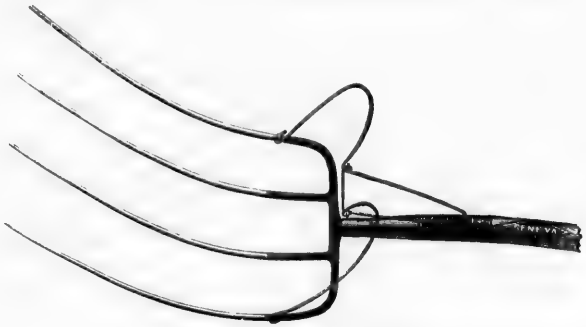
Extra Cast Steel, 15 inch Tines.

Oval, Three-Tine, Plain Ferrule, Bent Handle, - - per dozen, $9 50

One dozen in a bundle.

Barley Forks.

With Improved Double Round End, Slotted Ferrules.



Extra Cast Steel, 20 inch Tine.

Oval, Four-Tine, Plain Ferrule, with Movable Backs,	per dozen,	$15 50
Oval, Four-Tine, Plain Ferrule,	"	13 50

Handles 6 and 6½ feet.

One dozen in a bundle.

Manure Forks.

With Improved Double Round End, Slotted Ferrules.

Extra Cast Steel, 13 inch Tine.

Oval, Four-Tine, Plain Ferrule, D Handle,	per dozen,	$11 50
Oval, Four-Tine, Strapped Ferrule, D Handle,	"	12 75

Cast Steel, 12 inch Tine.

Oval, Four-Tine, Plain Ferrule, D Handle,	per dozen,	$10 00
Oval, Four-Tine, Strapped Ferrule, D Handle,	"	11 25

Extra Cast Steel, 13 inch Tine.

Oval, Five-Tine, Plain Ferrule, D Handle,	per dozen,	$15 00
Oval, Five-Tine, Strapped Ferrule, D Handle,	"	16 25

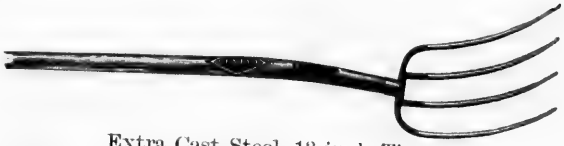
Half dozen in a bundle.

Manure Forks.

With Improved Double Round End Slotted Ferrules.

Extra Cast Steel, 13 inch Tines.

Oval, Six-Tine, Plain Ferrule, D Handle,	per dozen,	$17 00
Oval, Six-Tine, Strapped Ferrule, D Handle,	"	18 25



Extra Cast Steel, 13 inch Tines.

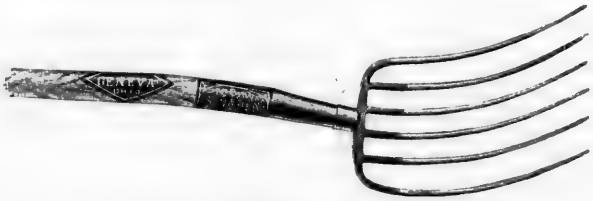
Oval, Four-Tine, Plain Ferrule, Long Handle,	per dozen,	$10 50
Oval, Four-Tine, Strapped Ferrule, Long Handle,	"	11 75

Cast Steel, 12 inch Tines.

Oval, Four-Tine, Plain Ferrule, Long Handle,	per dozen,	$9 50
Oval, Four-Tine, Strapped Ferrule, Long Handle,	"	10 75

Extra Cast Steel, 13 inch Tines.

Oval, Five-Tine, Plain Ferrule, Long Handle,	per dozen,	$14 00
Oval, Five-Tine, Strapped Ferrule, Long Handle,	"	15 25



Extra Cast Steel, 13 inch Tines.

Oval, Six-Tine, Plain Ferruie, Long Handle,	per dozen,	$16 00
Oval, Six-Tine, Strapped Ferrule, Long Handle,	"	17 25

Half dozen in a bundle.

Spading Forks.

With Improved Double Round End, Slotted Ferrules.

Diamond Back, Four-Tine, Plain Ferrule, D Handle, - -	per dozen,	$14 25
Diamond Back, Four-Tine, Strapped Ferrule, D Handle, -	"	15 50
Diamond Back, Four-Tine, Plain Ferrule, Long Handle, -	"	13 50
Diamond Back, Four-Tine, Strapped Ferrule, Long Handle,	"	14 75

Half dozen in a bundle.

Potato Forks.

Four-Tine Cast Steel Potato Forks, D Handle, - -	per dozen,	$11 50
Four-Tine Cast Steel Potato Forks, Long Handle, - -	"	10 50

Potato Hooks.

With Round End Ferrules.

Round, Four-Tine, 8 in. Cast Steel, Potato Hook, Goose Neck, Heavy, per doz., $7 50

Manure Drags.

With Round End Ferrules.

Oval, Four-Tine, Cast Steel, Manure Drag, Extra Heavy, - per dozen, $9 50

One dozen in a bundle.

ozen, $14 25
15 50
13 50
14 75

ozen, $11 50
10 50

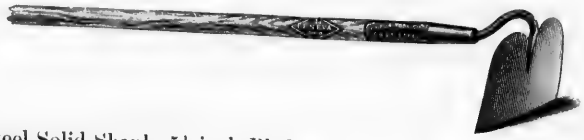
doz., $7 50

ozen, $9 50

Field and Garden Hoes.

Full Polished and Gold Bronzed, with Round End Ferrules.

Ladies' and Garden.



Ladies' Cast Steel Solid Shank, 5½ inch Blades, - - per dozen, $5 00
Garden Cast Steel Solid Shank, 6 inch Blades, - - - " 5 75

Socket.

Extra Cast Steel Socket, Assorted, 6½ to 8 inch Blades, - per dozen, $7 25

Solid Shank.

Extra Cast Steel Solid Shank, Assorted, 6½ to 8 inch Blades, - per dozen, $6 25

Riveted.

Riveted Shank, Cast Steel Blade, Blue Finish, Common Handles, per dozen, $5 00

Street and Mortar Hoes.

With Round End Ferrules, Full Polish, Solid Shank.

Extra Cast Steel, Solid Shank, 11 inch Blade, 6 feet Handle, - per dozen, $11 00

One dozen in a bundle.

Turnip Hoes.

Full Polish and Gold Bronzed, Round End Ferrule, Solid Shank.

Extra Cast Steel Turnip, Solid Shank, Assorted, 8 to 10 inch Blade, 5½ feet Handle, per dozen, $6 50

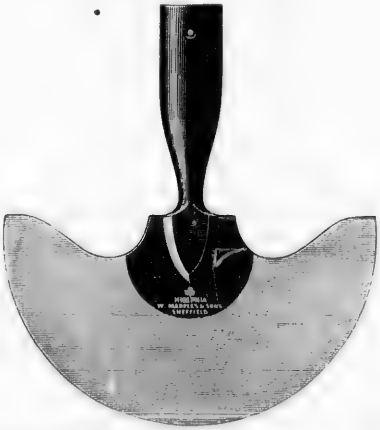
One dozen in a bundle.

Newland or Planters' Hoes.

The Eye and Blade are Forged Entire from one Solid Piece of Refined Cast Steel.

No. 00, 6½ inch Blade, Half Bright, - - - -	per dozen,	$5 25
No. 0, 7 inch Blade, Half Bright, - - -	"	5 62
No. 1, 7½ inch Blade, Half Bright, - - - -	"	6 00

Edging Knives.



Cast Steel Edging Knives, 9 inch Blade, - - per dozen, $9 00

Dutch Hoes.

Cast Steel Dutch Hoes, 6 inch Blade, - - - per dozen, $6 00

Thistle or Weed Cutters.

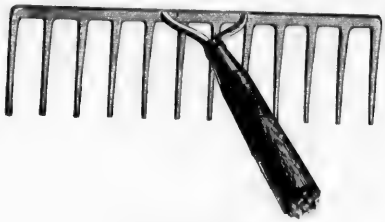
The Thistle or Weed Cutter is for cutting thistles, dock, or other weeds out of lawns or gardens. With this tool they can be cut up by the root without breaking the surface of the lawn.

Thistle and Weed Cutter, Shank, Handled, - - - per dozen, $4 50

Weeding Hoes and Rakes.

Four Tooth, Extra Cast Steel, Polished, - - - per dozen, $6 50

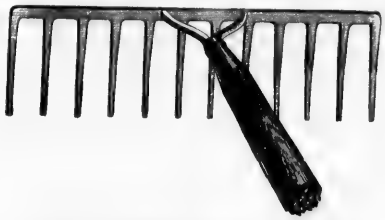
Garden Rakes.



Extra Quality.

BRACED STEEL RAKES.

Fourteen Tooth, Cast Steel, Gold Finish,	per dozen,	$11 50
Twelve Tooth, Cast Steel, Gold Finish	"	10 50
Ten Tooth, Cast Steel, Gold Finish,	"	9 50



Braced Malleable Iron Rakes.

Assorted, 13 and 14 teeth, Malleable Iron, Full Polish,	per dozen,	$6 50

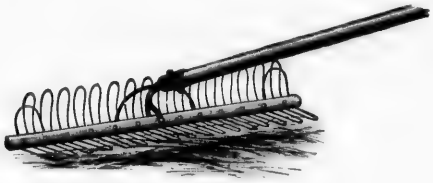
Cast Steel Rake Heads.

12 Teeth, Cast Steel Rake Heads,	per dozen,	$4 50

This is an exceptionally good rake.

One dozen in a bundle.

Davis Lawn Rakes.



Wire Lawn Rakes. - - - - - per dozen, $9 75

Hand Hay Rakes.

Wood.

Eight Teeth, Common Straight Handle, - - -	per dozen,	$1 00
Eight Teeth, Bored Head, Selected Timber, Wood Bow, Bent Handle,	"	1 35
Eight Teeth, Bored Head, Selected Timber, Wood Bow, Straight Handle,	"	1 20
Eight Teeth, Bored Head, Selected Timber, Iron Bow, Bent Handle,	"	1 40
Eight Teeth, Bored Head, Selected Timber, Iron Bow, Straight Handle,	"	1 25

Scythe Snaths.

Drive Ring.

No. 1, Screw Nib, Polished Irons, Brass Ferrule, Plate Heel, -	per dozen,	$7 00
No. 2, Screw Nib, Polished Irons, Iron Ferrule, Plate Heel,	"	6 00
No. 3, Screw Nib, Black Irons, Iron Ferrule, Plate Heel, -	"	5 00
No. 4, Screw Nib, Black Irons, Iron Ferrule, Plate Heel, -	"	4 00

Half dozen in a bundle.

Scythe Snaths.

Patent Fastening.

No. 1, Screw Nib, Polished Irons, Brass Ferrule, Patent Heel Fastening, per doz., $8 50
No. 2, Screw Nib, Polished Irons, Iron Ferrule, Patent Heel Fastening, " 7 50
No. 3, Screw Nib, Polished Irons, Iron Ferrule, Patent Heel Fastening, " 6 50

Patent Adjustable Slide Socket.

No. 00, Screw Nib, Polished Irons, Brass Ferrule, Patent Adjustable Slide Socket, per dozen, $9 50

Half dozen in a bundle.

Grain Cradles.

With and without Scythes.

TELEGRAPH.

Telegraph Cradle only, Wire Brace, Four Fingers, - - per dozen, $16 00
Telegraph Cradle with Scythe, Wire Brace, Four Fingers, - " 30 00

Grain Cradles.

With and without Scythes.

MORGAN.

Morgan Cradles only, Wire Brace, Four Fingers, - - per dozen, $16 00
Morgan Cradles with Scythes, Wire Brace, Four Fingers, - " 30 00

IMPROVED MULAY.

Improved Mulay Cradle only, Wire Brace, Four Fingers, - per dozen, $18 00
Improved Mulay Cradle with Scythe, Wire Brace, Four Fingers, " 32 00

Cradle Fingers.

Cradle Fingers, Dressed, not Mortised or Bored, - - per dozen, $1 50

Grass Scythes.

Cast Steel.

Cast Steel, Painted Blue, Polished Bead, Polished Edge, - per dozen, $11 00
"Daisy," Wide Heel, Painted Red Front and Back, Polished Edge. " 11 50
"Acadian Clipper," Polished Front and Bead, Blue Back, Polished Bead, Polished Edge, - - - - - per dozen, 12 00
"Golden Clipper," Polished Front and Bead, Gold Back, Polished Bead, Polished Edge, - - - - - per dozen, 13 00
"Gleaner," Wide Heel, Gold Bronzed Front and Bead, Green Back, Polished Bead, Polished Edge, - - - - per dozen, 12 00
"Queen of the Meadow," Polished Front and Bead, Copper Bronzed Back, Polished Bead, Polished Edge, - - - per dozen. 13 00
"Mower's Delight," Wide Heel, Polished Front and Bead, CopperBronzed Back, Polished Bead, Polished Edge, - - - per dozen, 13 50

One dozen in a box or bundle.

Cradle Scythes.

Cast Steel, Painted Blue, Polished Edge, - - per dozen, $13 00
"Harvest King," Ground Sharp, Copper Bronzed Back, Polished Front, Polished Bead, Polished Edge, - - - per dozen, 16 00

Lawn Scythes.

Cast Steel, 22 to 24 inches, - - - - per dozen, $10 00

Bush Scythes.

Cast Steel, 22 to 24 inches, - - - - per dozen, $12 00

When ordering Grass or Cradle Scythes please state length required.

One dozen in a bundle.

r dozen, $11 00
" 11 50
Polished
r dozen, 12 00
Polished
r dozen, 13 00
Polished
dozen, 12 00
l Back,
dozen. 13 00
d Back,
dozen, 13 50

dozen, $13 00
olished
dozen, 16 00

ozen, $10 00

ozen, $12 00

Universal Corn Hooks.

Universal Corn Hooks, - - - - per dozen, $4 15

Grass or Reaping Hooks.

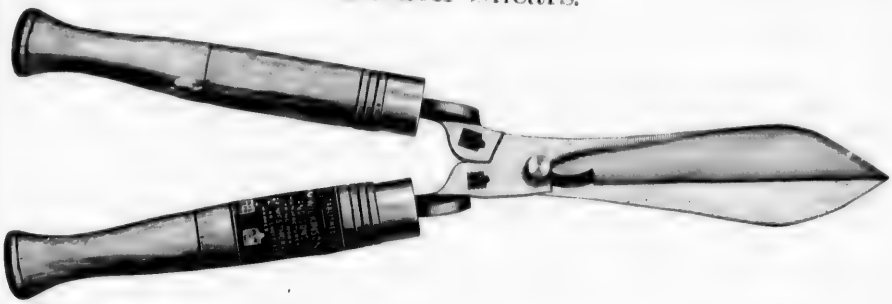
EXTRA QUALITY.

Cast Steel Grass Hooks, Polished and Gold Bronzed.

Nos.	2	3	4
Per dozen,	$5 60	5 60	5 60

Half dozen in a bundle; one dozen in a box.

Garden Shears.



Notched Blades, Hardwood Handles.

Inch,	7½	8	8½	9
Per pair,	$1 45	1 50	1 60	1 80

Plain Blades, Hardwood Handles.

Inch,	7½	8	8½	9
Per pair,	$1 25	1 30	1 40	1 60

One pair in a paper.

Philadelphia Lawn Mowers.

Style H.

7-inch Driving Wheels. Solid Wiper.

Carefully made in every particular of very best material, and fully equal to the American machine. Perfect working guaranteed.

Inch,	12	14	16
Each,	$6 75	7 50	8 25

Cast Steel Garden Trowels.

Polished Cast Steel Garden Trowels, - - - per dozen, $1 65

One dozen in a box.

Garden Forks.

Quarter Size Cut of No. 10.

Third Size Cut of No. 5.

No. 10, All Iron Japanned, - - - - per dozen, $1 45
No. 5, Iron Japanned, Wood Handles, - - - " 2 10

One dozen in a box.

Excelsior Weeding Hooks.

Excelsior Weeding Hook, 5-Prong, Malleable Iron, Tinned, - per dozen, $1 25

One dozen in a box.

Spades.

Boy's Back Strap.

GRIFFITHS' D Handle, Back Strap, Cast Steel, Boys' Spades, Polished, per dozen, $9 00

Back Strap.

FREY'S D Handle, Back Strap Spades, Polished, No. 2, - - per dozen, $9 00
LANE'S D Handle, Cast Steel, Back Strap Spades, Polished, No. 2, " 11 00

Half dozen in a bundle.

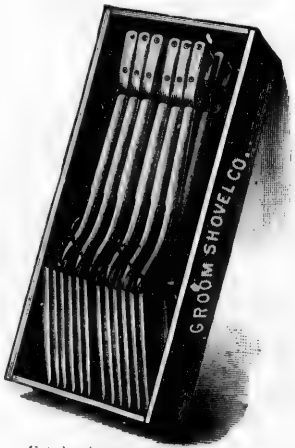
Spades.

The ECLIPSE and ACME brands are registered, and are our own special property.

Solid Cast Steel.

ECLIPSE, D Handle, Plain Back Spades, Polished, No. 2,	per dozen,	$13 25
ACME, D Handle, Plain Back Spades, Polished, No. 2,	"	15 50
PARKES & Co.'s D Handle, Plain Back Spades, Half Polished, No. 2,	"	21 00

Half dozen in a bundle.



Cut showing Spades packed in Box.

Solid Cast Steel.

GROOM SHOVEL CO. D Handle, Plain Back Spades, Polished, Sharpened and Boxed, per dozen,

We guarantee this spade to be superior to all others in every particular.

One dozen in a box.

Spades.

Back Strap.

FREY'S Long Handle, Back Strap Spades, Polished, No. 2, - per dozen, $9 00
LANE'S Long Handle, Cast Steel, Back Strap Spades, Polished, No. 2, " 11 00

Solid Cast Steel.

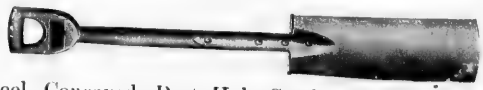
ECLIPSE, Long Handle, Plain Back Spades, Polished, No. 2, - per dozen, $13 25
ACME, Long Handle, Plain Back Spades, Polished, No. 2, - " 15 50

Nursery.

D Handle, Cast Steel, Nursery Spades, Plain Back, Black, per dozen, $18 00

These spades are Strapped up to the D.

Post Hole.



D Handle, Cast Steel, Concaved, Post Hole Spade, Plain Back, Black, size 15 x 5½ x 6 inches, - - - - per dozen, $18 00

Sub-Soil or Ditching.

D Handle, Cast Steel, Sub-Soil or Ditching Spades, Plain Back, Black, Size 15½ x 7½ x 5½ inches, - - - - per dozen, $18 00

Half dozen in a bundle.

Spades.

Drain Spades.

No. 1.

No. 1, D Handle, Cast Steel, Drain Spades, Plain Back, Black, Size 14 x 7½ x 5½ inches, - - - - - per dozen, $18 00

No. 2.

No. 2, D Handle, Cast Steel, Drain Spades, Plain Back, Black, Size 17 x 5½ x 4½ inches, - - - - - - per dozen, $18 00

No. 3.

No. 3, D Handle, Cast Steel, Drain Spades, Plain Back, Black, Size, 17 x 4½ x 3 inches, - - - - per dozen, $18 00

We do not keep Foot Clasps in stock.

Parkes & Co.'s Drain Spades.

No. 11, D Handle, Drain Spades, Plain Back, Quarter Polished, Size 16 x 6 x 3½ inches, - - - - - per dozen, $26 25

No. 12, D Handle, Drain Spades, Plain Back, Quarter Polished, Size 18 x 6 x 3½ inches, - - - - - per dozen, 26 65

No. 13, D Handle, Drain Spades, Plain Back, Quarter Polished, Size 20 x 6 x 3½ inches, - - - - - per dozen, 27 00

Half dozen in a bundle.

Shovels.

Back Strap.

FREY'S, D Handle, Back Strap, Square Point Shovels, Polished, No. 2, per dozen, $8 50
LANE'S, D Handle, Cast Steel, Back Strap, Square Point Shovels, Polished, No. 2, per dozen, 10 50

Solid Cast Steel.

ECLIPSE, D Handle, Plain Back, Square Point Shovels, Polished, No. 2, per dozen, $13 00
ACME, D Handle, Plain Back, Square Point Shovels, Polished, No. 2, " 15 00

Back Strap.

FREY'S, D Handle, Back Strap, Round Point Shovels, Polished, No. 3, per dozen, $9 00
LANE'S, D Handle, Cast Steel, Back Strap, Round Point Shovels, Polished, No. 3, per dozen, 11 00

Solid Cast Steel.

ECLIPSE, D Handle, Plain Back, Round Point Shovels, Polished, No. 3, per doz., $14 00
ACME, D Handle, Plain Back, Round Point Shovels, Polished, No. 3, " 16 00

Half dozen in a bundle.

Shovels.

Moulders'.

Solid Cast Steel.

ACME, D Handle, Plain Back, Square Point Moulders' Shovels, Polished, No. 2, per dozen, $15 50

Back Strap.

FREY'S, Long Handle, Back Strap, Square Point Shovels, Polished, No. 2, per doz., $8 50
LANE'S, Long Handle, Cast Steel, Back Strap, Square Point Shovels, Polished, No. 2, - - - - - - per dozen, 10 50

Solid Cast Steel.

ECLIPSE, Long Handle, Plain Back, Square Point Shovel, Polished, No. 2, per dozen, $13 00
ACME, Long Handle, Plain Back, Square Point Shovel, Polished, No. 2, per dozen, 15 00

Back Strap.

FREY'S, Long Handle, Back Strap, Round Point Shovels, Polished, No. 2, per doz., $8 50
LANE'S, Long Handle, Cast Steel, Back Strap, Round Point Shovels, Polished, No. 2. - - - - - - per dozen, 10 50
LANE'S, Long Handle, Cast Steel, Back Strap, Round Point Shovels, Polished, Narrow, - - - - - per dozen, 10 50

Half dozen in a bundle.

Shovels.

Solid Cast Steel.

ECLIPSE, Long Handle, Plain Back, Round Point Shovels, Polished, No. 2, per doz., $13 00
ACME, Long Handle, Plain Back, Round Point Shovels, Polished, No. 2, " 15 00

Narrow.

Solid Cast Steel.

ECLIPSE, Long Handle, Plain Back, Round Point Shovels, Polished, Narrow, per dozen, $13 00
ACME, Long Handle, Plain Back, Round Point Shovels, Polished, Narrow, per dozen, 15 00

Half dozen in a bundle.

Drain Cleaners.

To Pull.

PARKES & Co.'s Cast Steel, Solid Socket Concave Drain Cleaner to Pull, Polished on the Outside, size 3 inches, - - - per dozen, $28 00
ACME, Cast Steel, Rivetted Concave Drain Cleaner to Pull, Black, size 3 inches, per dozen, 15 00

To Push.

PARKES & Co.'s Cast Steel, Solid Socket Concave Drain Cleaner to Push, Polished on the Outside, size 3 inches, - - - per dozen, $28 00
ACME, Cast Steel, Rivetted Concave Drain Cleaner to Push, Black, size 3 inches, 15 00

Half dozen in a bundle.

Post-Hole Spoon.

Cast Steel Spoon, Rivetted, for Digging Post-Holes, Black, size 10x8¼ inches, Length of Handle, 7 feet. - - - per dozen, $11 00

Grain Scoops.

Cast Steel.

No. 2, LANE'S, Philadelphia Pattern Scoops, Full Polished, -	per dozen,	$14 50
No. 4, LANE'S, Philadelphia Pattern Scoops, Full Polished, -	"	15 50
No. 6, LANE'S, Philadelphia Pattern Scoops, Full Polished, -	"	16 50
No. 8, LANE'S, Philadelphia Pattern Scoops, Full Polished, -	"	18 50
No. 10, LANE'S, Philadelphia Pattern Scoops, Full Polished, -	"	20 50

No. 2, FREY'S, Philadelphia Pattern Scoops, Black, - -	per dozen,	$10 25
No. 4, FREY'S, Philadelphia Pattern Scoops, Black, -	"	11 25
No. 2, ECLIPSE, Cast Steel Philadelphia Pattern Scoops, Polished,	"	13 00
No. 4, ECLIPSE, Cast Steel Philadelphia Pattern Scoops, Polished,	"	14 00
No. 6, ECLIPSE, Cast Steel Philadelphia Pattern Scoops, Polished,	"	15 50

Half dozen in a bundle.

Furnace Scoops.

Cast Steel Furnace Scoops, Black, - - - per dozen, $10 50

Potato or Vegetable Scoops.

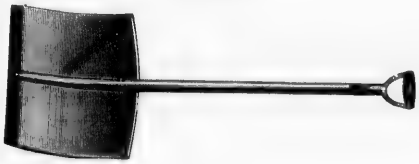
Potato or Vegetable Scoops, Cast Steel Wire, Black, Ten-Tine, - per dozen, $17 00

Snow Shovels.

Cast Steel.

Long Handle Cast Steel Snow Shovel, size 11½x14 inches, - per dozen, $7 50

Wood.



Cole's Patent.

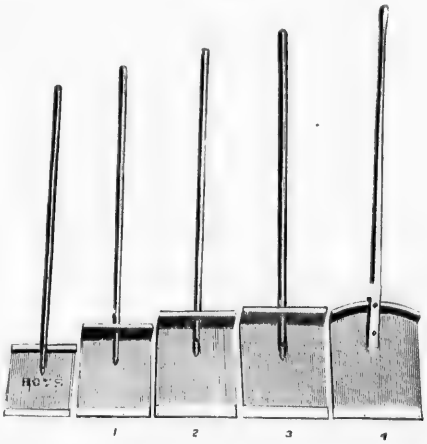
Cole's Patent D Handle Iron Bound Snow Shovels, size 21x15 inches, per dozen, $9 75

This is the best Wood Shovel in the Market.

Half dozen in a bundle.

Snow Shovels.

Wood.



Boys' Long Handle, Unpainted Snow Shovels, Size 10 x 11 inches, per dozen, $1 00

No. 1, Long Handle, Painted Snow Shovels, Folded Iron Tip, Size 11 x 13 inches, per dozen, 1 85

No. 2, Long Handle, Painted Snow Shovels, Folded Iron Tip, Size 12 x 14 inches, per dozen, 2 20

No. 2½, Long Handle, Painted Snow Shovels, Rivetted Iron Tip, Size 12 x 14 in., per dozen, 2 60

No. 3, Long Handle, Painted Snow Shovels, Folded Iron Tip, Size 13½ x 16 in., per dozen, 2 50

No. 3½, Long Handle, Painted Snow Shovels, Rivetted Iron Tip, Size 13½ x 16 in., per dozen, 2 90

No. 4, Long Handle, Painted Snow Shovels, Folded Iron Tip, Size 13½ x 17½ in., per dozen, 3 25

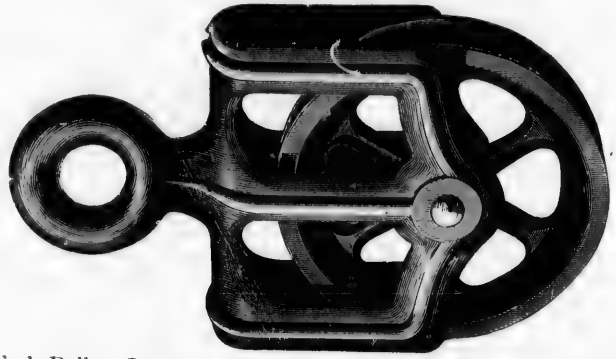
No. 4½, Long Handle, Painted Snow Shovels, Rivetted Iron Tip, Size 13½ x 17½ in., per dozen, 3 60

Half dozen in a bundle.

Harpoon Hay Forks.

Harpoon Hay Forks, - - - - - each, $5 10

Hay Fork Pulleys.



Swivel Hay Fork Pulley, Japanned, - - - per dozen, $3 75

Hay Knives.

Spear Point.

T Handle, Cast Steel, Spear Point Hay Knives, Polished Blade, 24 inches long, per dozen, $15 00

L Handle, Cast Steel, Spear Point Hay Knives, Polished Blade, 24 inches long, per dozen, 15 00

Half dozen in a bundle.

Lightning.

Holt's Pattern Lightning Hay Knives, Solid Cast Steel, - per dozen, $21 00

Half dozen in a box.

Heath's Pattern Hay Knives.

Heath's Pattern Hay Knives, - - - - per dozen, $15 00

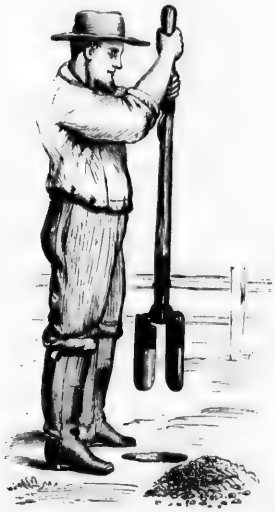
Quarter dozen in a bundle.

Vaughan's Post-Hole Augers.

Patent Hollow Tubes.

Inches,	6	7	8	9
Per dozen,	$21 00	21 50	22 50	25 00

Philadelphia Post-Hole Digger.



Showing the Digger with Blades open ready to be plunged into the ground.

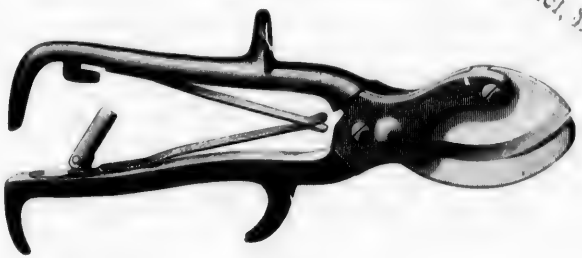
Showing the Digger with Blades closed upon the sand or dirt.

Cast Steel Blades 9 inches long. Whole Length is 5 feet.

Philadelphia Post-Hole Digger or Tree Planter, - - per dozen, $22 50

M. & L. Samuel, Benjamin & Co.

Pruning Shears.



No. 50.

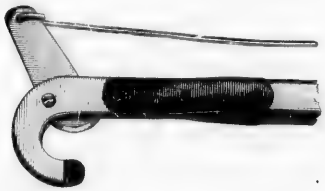
No. 50, Sheep-Toe Clippers or Pruning Shears, with Flat Springs, per dozen, $7 50

No. 14.

No. 14, Sheep-Toe Clippers or Pruning Shears, with Spiral Spring, per dozen, $7 50

Half dozen in a box.

Waters' Tree Pruners.



Feet,	4	6	8	10
Per dozen,	$13 50	13 50	13 50	13 50

In ordering please state length required.

Ward & Payne's Sheep Shears.

No. 100.

Nos. 1, 2 and 3.

No. 100, Solid Steel, Bent or Straight, Polished.

Inch,	6	7
Per dozen,	$9 00	9 00

In ordering please state if bent or straight are wanted.

Solid Steel Bent, Half Polished Blades.

Nos.	1	2	3
Inch,	5	5½	6
Per dozen,	$5 70	6 00	6 35

Half dozen in a package

Horse Clippers.

"NEWMARKET," OR "DERBY."

"Newmarket" or "Derby" Horse Clippers, with Thumbscrew Nut, Double Wood Handles, - - - - each, $2 40

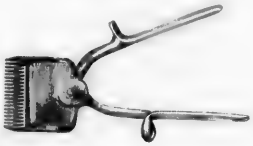
"WOODBINE."

"Woodbine" Horse Clippers, with Plain Nut, Double Wood Handles, - each, $1 50

Hair Clippers.

For Barbers' Use.

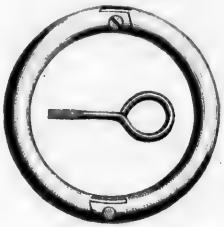
Patented July 1st, 1879.



"Leopold" Hair Clippers, Nickel Plated, - - - each, $2 40

One in a package.

Bull Rings.



Half Size Cut of Nos. 12 and 22.

Steel, Polished.

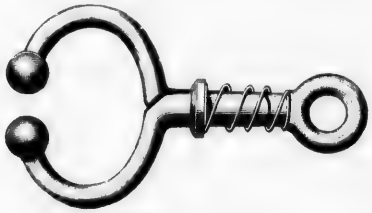
No. 11, $2\frac{1}{2}$ inch,	per dozen,	$2 50
No. 12, 3 inch,	"	2 63

Copper, Polished.

No. 21, $2\frac{1}{2}$ inch,	per dozen,	$3 50
No. 22, 3 inch,	"	4 00

One dozen in a box.

Cattle Leaders.



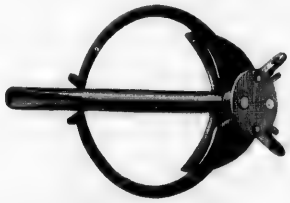
Half Size Cut of No. 32.

Welton's Patent, Malleable Iron.

No. 31, Malleable Iron, Brass Wire Spring,	per dozen,	$1 30
No. 32, Malleable Iron, Brass Wire Spring,	"	1 50

One dozen in a box.

Ox Bow Pins.



Half Size Cut of No. 71.

No. 71, Steel Spring, $1\frac{3}{4}$ inch, Japanned,	per gross,	$10 50

Sixth of a gross in a box.

Cast Brass Ox Balls.

Octagon.

No. 21, Light.

No. 3, Heavy.

No. 13, Light.

No. 5, Extra Heavy.

Nos.	21	3	13	5
Per gross,	$5 25	9 00	8 00	15 75

Half gross in a box.

Horse Pokes.

Style of "CLIMAX" and "EXCELSIOR."

"DICTATOR."

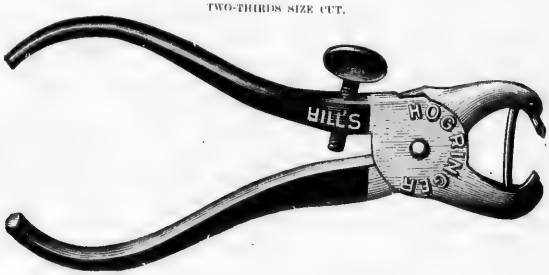
Style of "CHAMPION" and "PIONEER."

"Climax" or "Excelsior" Horse Pokes,	per dozen,	$6 00
"Dictator" Horse Pokes,	"	6 75
"Champion" or "Pioneer" Horse Pokes,	"	4 90

Half dozen in a bundle.

Hill's Improved Hog Ringer.

TWO-THIRDS SIZE CUT.



Patented April 18, 1865, and August 27, 1872.

Closes all three sizes of the Hill Triangular Ring. It is the only ADJUSTABLE Hog Ringer manufactured, and the only one that will close two or more sizes of Rings correctly. The closing of the jaws is regulated by the thumbscrew in the handle.

Hill's Improved Hog Ringer, - - - - per dozen, $1 50

One dozen in a box.

Hill's Hog Tongs.

Patented December 2, 1873.

Farmers are finding the Hog Tongs an indispensable aid in Ringing Hogs, as the snout can be held still while placing and closing the Ring. Any size hog can be held with them.

Hill's Improved Hog Tongs, 13 inches long, - - - per dozen, $5 25

Half dozen in a package.

Hill's Triangular Rings.

No. 2.

Open.

Closed.

No. 3.

Open.

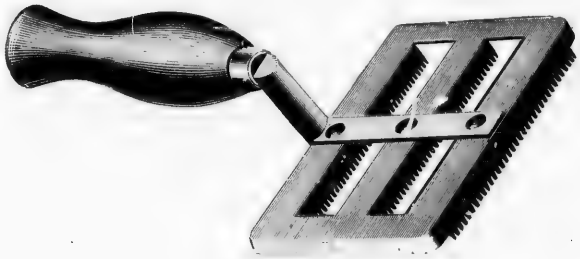
Closed.

Nos.	2	3
Kind,	Pig	Hog
Per dozen boxes,	$1 80	1 80

Hundred in a box.

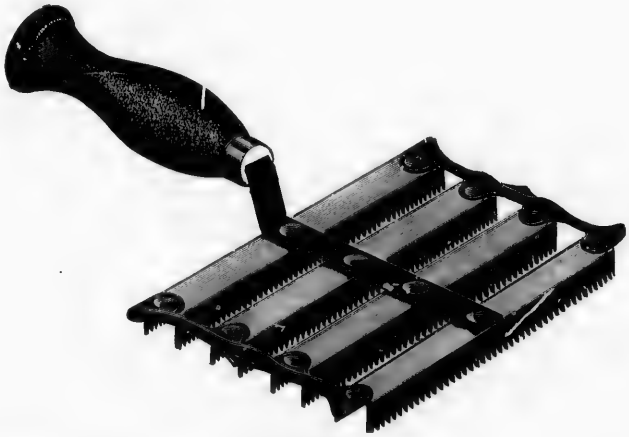
Curry Combs.

Open Back, Carmine Handles.



Half Size Cut.

No. 001, Six-Bar, Iron, Japanned,	per dozen,	$0 75
No. 01½, Six-Bar, Iron, Tinned,	"	0 90



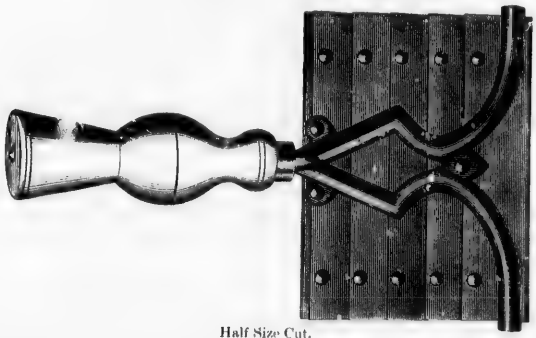
Half Size Cut.

No. 2, Eight-Bar, Iron, Japanned,	per dozen,	$1 28
No. 2½, Eight-Bar, Iron, Tinned,	"	1 40
No. 20, Eight-Bar, Brass, Tinned Frame,	"	2 35

One dozen in a box.

Curry Combs.

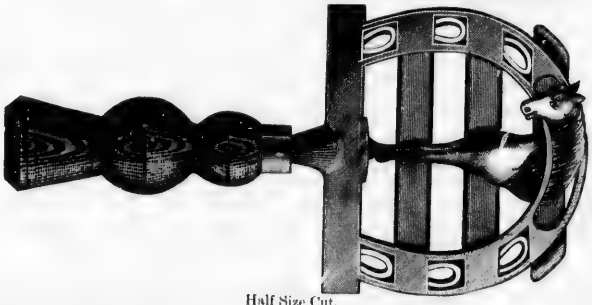
Shingle Back, Polished Handles.



Half Size Cut.

No. 239, Seven-Bar, Iron, Japanned, Straight Shank, - - per dozen, $3 00
No. 239½, Seven-Bar, Iron, Tinned, Straight Shank, - - " 3 35

Horse Shoe Pattern, Open Back, Polished Handles.

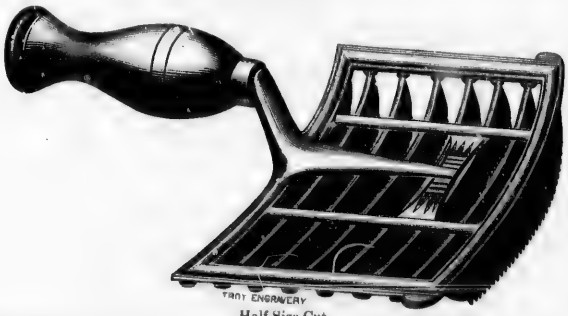


Half Size Cut.

No. 30, Eight-Bar, Iron, Japanned, - - - - per dozen, $3 35
No. 30½, Eight-Bar, Iron, Tinned, - - - - - " 3 90

Oval Face, Open Back, Trowel Shanks, Extra Polished Hardwood Handles.
Shank Running Through Handles and Rivetted.

VERY HEAVY.



Half Size Cut.

No. 60, Seven-Bar, Iron, Japanned, - - - - per dozen, $4 00

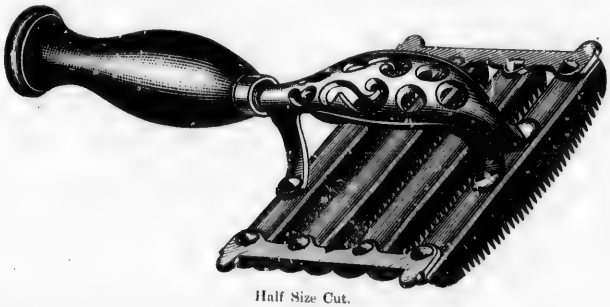
One dozen in a box.

Back Grasp Curry Combs.

Open Back, Carmine Handles.

Half Size Cut.

No. 33,	Six Bar, Iron, Japanned,	per dozen,	$1 48
No. 33½,	Six-Bar, Iron, Tinned,	"	1 77
No. 34,	Six-Bar, Brass, Tinned Ends and Shank,	"	2 35



Half Size Cut.

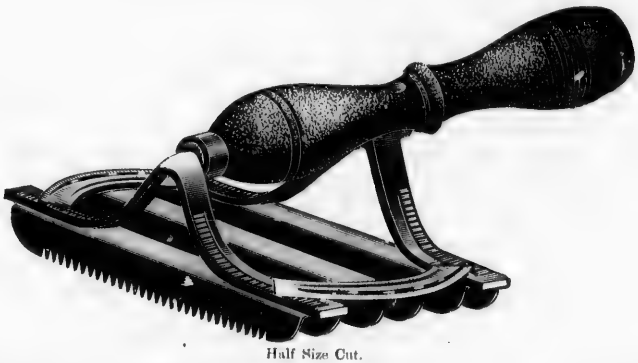
No. 35,	Eight-Bar, Iron, Japanned,	per dozen,	$1 88
No. 35½,	Eight-Bar, Iron, Tinned,	"	2 25
No. 36,	Eight-Bar, Brass, Tinned Ends and Shank,	"	3 15

One dozen in a box.

Curry Combs.

BACK GRASP, HORSE SHOE PATTERN.

Open Back, Oval Face, Polished Handle.



Half Size Cut.

No. 80,	Six-Bar, Iron, Japanned,	per dozen,	$2 65
No. 81,	Six-Bar, Iron, Tinned,	"	2 95
No. 83,	Six-Bar, Brass, Tinned Frame,	"	3 65
No. 84,	Eight-Bar, Iron, Japanned,	"	3 05
No. 85,	Eight-Bar, Iron, Tinned,	"	3 50
No. 87,	Eight-Bar, Brass, Tinned Frame,	"	4 30

This is the most durable Comb yet offered.

One dozen in a box.

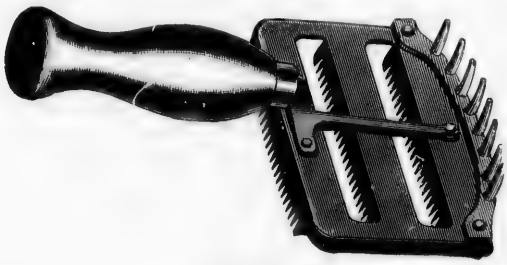
THE "SUPERIOR."

Half Size Cut of No. 366.

No. 571,	Eight-Bar, Tinned, Open Back,	per dozen,	$2 00
No. 366,	Eight-Bar, Japanned, Closed Back,	"	3 10

Mane and Curry Combs Combined.

Open Back, Carmine Handles.



Half Size Cut.

No. 314, Six-Bar, Iron, Tinned, - - - per dozen, $1 40

Closed Back, Polished Handles.

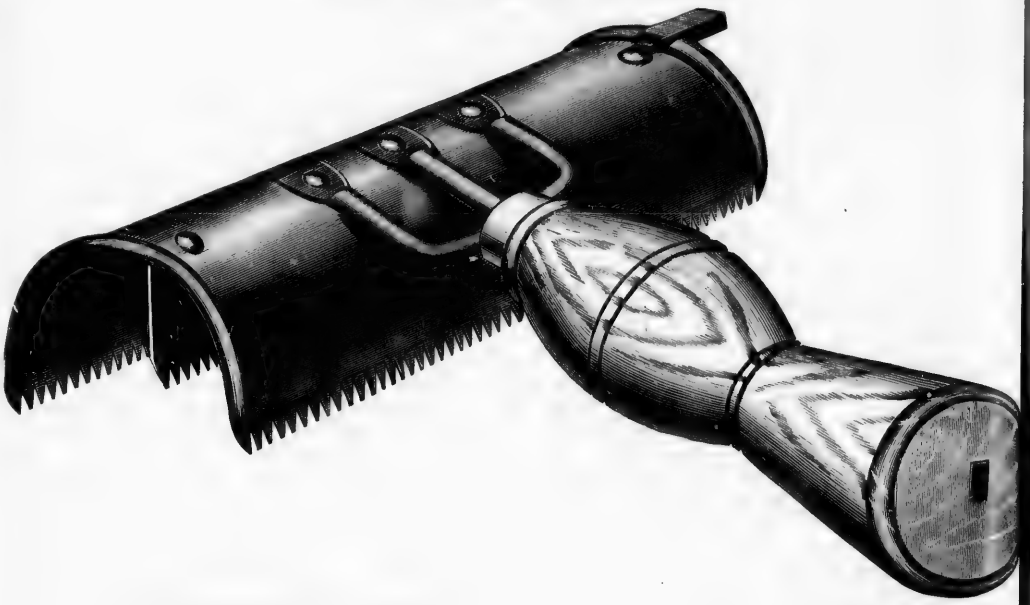
Half Size Cut.

No. 2, Six-Bar, Iron, Japanned, - - - per dozen, $1 75
No. 2½, Six-Bar, Iron, Tinned, - - - - " 2 00

One dozen in a box.

Cattle Combs.

Round, Closed Backs, Yellow Handles.



No. 202, Three-Bar, Iron, Japanned, - - per dozen, $1 80

Curry Cards.

Leather Face Curry Cards, size 5¾x3½ inches, - per dozen, $1 60

Leather Board Face Curry Cards, size 5¾x3½ inches, per dozen, 1 20

Wool Cards.

No. 8B, Wool Cards, Medium size, 9¼x4¼ inches, per dozen pairs, $5 25

No. 9, Wool Cards, Canada size, 9x5½ inches, per dozen pairs, 8 00

Mane Combs.

Metallic.

Half Size Cut.

Horn Mane Combs, 4 inches,	per dozen,	$1 50
Metallic Mane Combs, 4 inches,	"	1 50

One dozen in a box.

German Pattern Harness Snaps.

Bronzed.

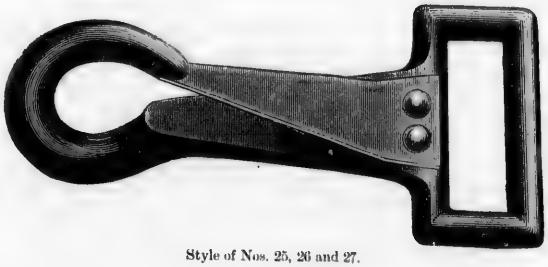
FULL SIZE CUTS.

No. 20¼.

Style of Nos. 22 and 23.

Round Eye.

No. 60.



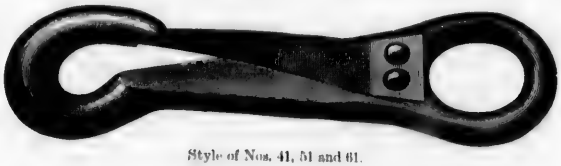
Style of Nos. 25, 26 and 27.

Nos.	20¼	22	23	25	26	27	60
Size of Eye,	½	⅞	1	1¼	1½	1¾	⅜ inch.
Per gross,	$3 50	4 12	4 30	8 10	9 20	10 30	4 00

Nos. 23 and smaller, half gross in a box; Nos. 25 and larger, quarter gross.

German Pattern Halter Snaps.

Round Eye.



Style of Nos. 41, 51 and 61.

Nos.	41	51	61
Size of Eye,	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$ inch.
Per gross,	$4 12	6 00	7 25

Nos. 41 and 51, half gross in a box; No. 61, quarter gross.

Harness Snaps.

Sargent's Patent Covered Spring.

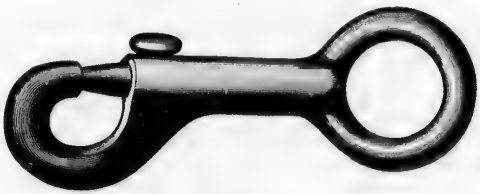
Full Size Cut.

No. 114.

Tinned.

Nos.	112	114
Size of Eye,	$\frac{7}{8}$	1
Per gross,	$9 00	9 50

Half gross in a box.



No. 141.

No. 141, $\frac{3}{4}$ inch, Round Eye, Tinned, - - - per gross, $11 00

Quarter gross in a box.

Harness Rings.

Japanned.

Inch,	1¼	1½	1¾
Gauge Nos.	4	3	3
Per gross,	$1 05	1 65	2 25

Half gross in a package.

Rope and Web Halters.

7/16 inch, Sisal Rope Halters,	per dozen,	$1 00
9/16 inch, Sisal Rope Halters,	"	1 35
½ inch, Manilla Rope Halters,	"	2 25
English Web Halters,	"	2 25
American Web Halters, with Leather Trimmings,	"	4 25

One dozen in a bundle or package.

German Halter and Dog Chains.

Bright.

4½ Feet.

Nos.	3-0	2-0	0	1	2
Per dozen,	$3 00	2 50	2 10	1 80	1 60

6 Feet.

Nos.	2-0	0	1	2	3	4	6
Per dozen,	$3 15	2 70	2 40	2 10	1 95	1 90	1 80

Nos. 3-0, 2-0 and 0, half dozen in a package; other numbers, one dozen.

American Halter and Dog Chains.

Bright.

4½ Feet.

Nos.	3-0	2-0	0	1	2
Per dozen,	$3 60	3 00	2 60	2 25	2 00

6 Feet.

Nos.	2-0	0	1	2	4	6
Per dozen,	$3 90	3 40	3 00	2 60	2 40	2 25

Nos. 3-0, 2-0 and 0, half dozen in a box; other numbers, one dozen.

American Post Chains.

No. 2-0, 2½ feet long, - - - - - per dozen, $1 70

One dozen in a box.

German Pattern Cow Chains.

Bright.

Close Ring.

No. 201,	Close Ring, size $3\frac{1}{2}$x x6, Ring 4 x$\frac{5}{16}$, with T,	per dozen,	$1 65
No. 202,	Close Ring, size $3\frac{1}{2}$x8x4, Ring $4\frac{1}{2}$x$\frac{7}{16}$, with T,	"	2 25
No. 203,	Close Ring, size 4 x8x3, Ring $4\frac{1}{2}$x $\frac{1}{2}$, with T,	"	3 10
No. 204,	Close Ring, size 3 x8x6, Ring $2\frac{1}{2}$x$\frac{5}{16}$, with T,	"	1 65
No. 205,	Close Ring, size $3\frac{1}{2}$x8x5, Ring 4 x $\frac{3}{8}$, with T,	"	1 95
No. 206,	Close Ring, size 4 x8x3, Ring 3 x $\frac{1}{2}$, with T,	"	3 00
No. 207,	Close Ring, size $4\frac{1}{2}$x7x2, Ring 3 x$\frac{9}{16}$, with T,	"	3 70
No. 208,	Close Ring, size $4\frac{1}{2}$x7x2, Ring $4\frac{1}{2}$x $\frac{5}{8}$, with T,	"	4 00
No. 209,	Close Ring, size $3\frac{1}{2}$x8x4, Ring $2\frac{3}{4}$x$\frac{7}{16}$, with T,	"	2 25
No. 222,	Close Ring, size $3\frac{1}{2}$x8x4, Ring $4\frac{1}{2}$x$\frac{7}{16}$, with German Snap,	"	2 65
No. 223,	Close Ring, size 4 x8x3, Ring $4\frac{1}{2}$x $\frac{1}{2}$, with German Snap,	"	3 50
No. 225,	Close Ring, size $3\frac{1}{2}$x8x5, Ring $2\frac{3}{4}$x $\frac{3}{8}$, with German Snap,	"	2 35
No. 226,	Close Ring, size 4 x8x3, Ring 3 x $\frac{1}{2}$, with German Snap,	"	3 40

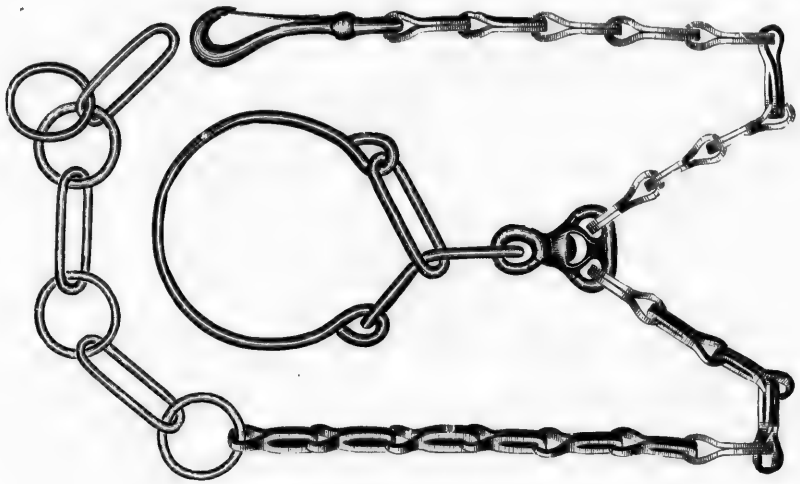
Nos. 201 and 204 have two Straight Links between Ring and Swivel; Nos. 202, 205, 209, 222 and 225, three Straight Links; Nos. 203, 206, 207, 208, 223 and 226, four Straight Links.

Our Cow Chains are acknowledged to be the most perfectly proportioned ones imported into Canada. This perfection has only been arrived at after years of close observation of the requirements of stock raisers.

Half dozen in a package.

German Pattern Cow Chains.

Bright.



No. 301,	Open Ring, size $3\frac{1}{2}$x8x6, Ring 4 x$\frac{5}{16}$, with T,	per dozen,	$1 80
No. 302,	Open Ring, size $3\frac{1}{2}$x8x4, Ring $4\frac{1}{2}$x$\frac{7}{16}$, with T,	"	2 40
No. 303,	Open Ring, size 4 x8x3, Ring $4\frac{1}{2}$x $\frac{1}{2}$, with T,	"	3 25
No. 304,	Open Ring, size $4\frac{1}{2}$x7x2, Ring $4\frac{1}{2}$x$\frac{9}{16}$, with T,	"	4 10
No. 305,	Open Ring, size $3\frac{1}{2}$x8x5, Ring 4 x $\frac{3}{8}$, with T,	"	2 10
No. 306,	Open Ring, size $3\frac{1}{2}$x8x4, Ring 4 x$\frac{7}{16}$, with T,	"	2 55
No. 322,	Open Ring, size $3\frac{1}{2}$x8x4, Ring $4\frac{1}{2}$x$\frac{7}{16}$, with German Snap,	"	2 80
No. 323,	Open Ring, size 4 x8x3, Ring $4\frac{1}{2}$x $\frac{1}{2}$, with German Snap,	"	3 65

The above is simply to illustrate an Open Ring Chain.

No. 301 has two Straight Links between Ring and Swivel, Nos. 302 and 305 have three Straight Links, Nos. 303 and 304 have four Straight Links, No. 306 has five close Twisted Links.

Half dozen in a package.

German Pattern Cow Chains.

Bright.

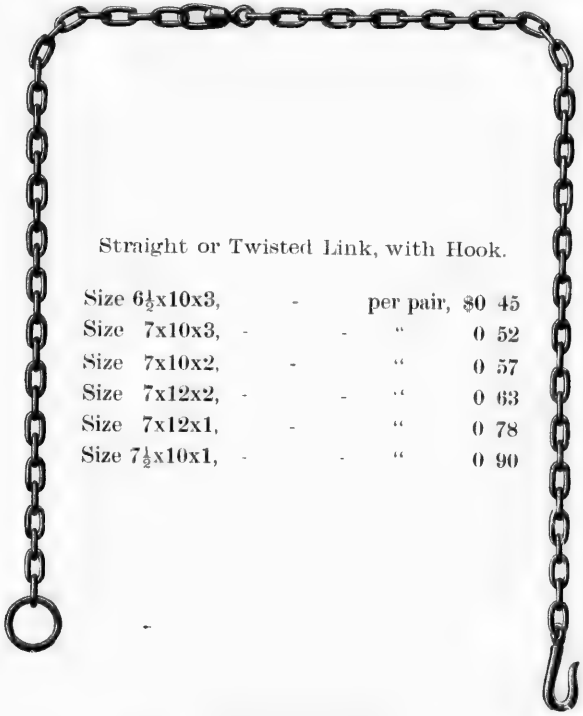
Three-Chain.

No. 401,	Three-Chain, size 3½x8x5, with T,	per dozen,	$2 25
No. 402,	Three-Chain, size 3½x8x4, with T,	"	2 70
No. 403,	Three-Chain, size 4x8x3, with T,	"	3 40
No. 421,	Three-Chain, size 3½x8x5, with German Snap,	"	2 65
No. 422,	Three-Chain, size 3½x8x4, with German Snap,	"	3 15
No. 423,	Three-Chain, size 4x8x3, with German Snap,	"	3 80

Half dozen in a package.

Trace Chains.

Bright. English Standard

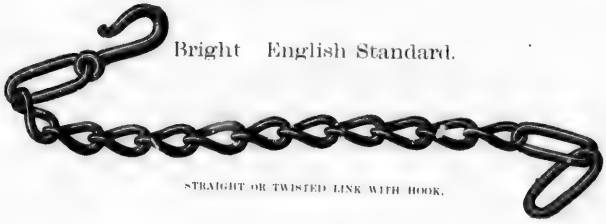


Straight or Twisted Link, with Hook.

Size 6½x10x3,	per pair,	$0 45
Size 7x10x3,	"	0 52
Size 7x10x2,	"	0 57
Size 7x12x2,	"	0 63
Size 7x12x1,	"	0 78
Size 7½x10x1,	"	0 90

Tug Chains.

Bright English Standard.



STRAIGHT OR TWISTED LINK WITH HOOK.

Size 3¼x10x3,	per pair,	$0 27
Size 3¼x10x2,	"	0 30
Size 3¼x12x2,	"	0 36
Size 3¼x12x1,	"	0 42
Size 3½x12x1,	"	0 56

Cable Coil Chain.

Close Link Self-Color.

Inch,	3/16 exact,	3/16	1/4	5/16	3/8	7/16	1/2
Links per foot,	18	16	13	12	11	10	9
Weight 100 feet,	45	60	80	115	160	200	250 lbs.
Per pound,	$.						

In lengths of 224 pounds.

Weight of English Close Link Coil or Cable Chain.

Inch,	1/8	5/32	3/16 exact,	3/16	1/4	5/16	3/8	7/16	1/2	9/16	5/8	3/4	7/8	1	1 1/8	1 1/4 in. diam.
Per 100 feet.	30	38	45	60	80	115	160	200	250	320	420	500	700	950	1200	1500 pounds.
Proof Strain.....						3/4	1 1/2	2 1/2	3 1/2	4 1/2	6	9	13	17	21	27 tons.

Weight and Strength of American Iron Chains.

Diameter of Iron,	3/16	1/4	5/16	3/8	7/16	1/2	9/16	5/8	11/16	inches.
Weight per Foot,	.35	.63	.91	1.33	1.80	2.33	3.00	3.67	4.50	lbs.
Breaking Strain,	1731	3069	4794	6922	4908	12320	15590	19219	23274	lbs.

Diameter of Iron,	3/4	7/8	1	1 1/8	1 1/4	1 1/2	1 3/4	2	2 1/2	3 inches.
Weight per Foot,	5.30	7.16	9.3	11.8	14.5	20.8	28.3	38.3	58.0	8.40 lbs.
Breaking Strain,	27687	37632	49280	59226	73114	135280	143293	187152	277022	398944 lbs.

Lloyd's Patent Repair Links.

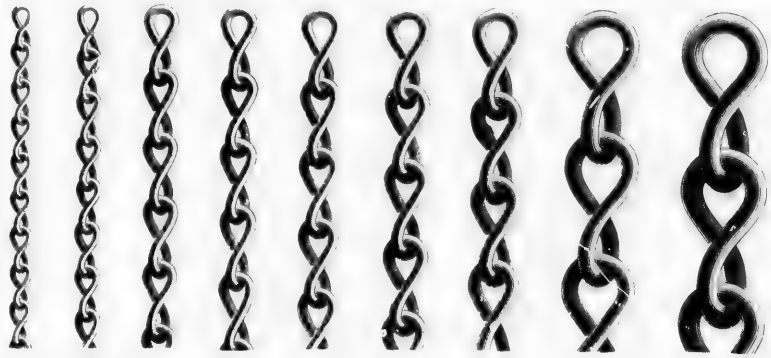
Open.

Closed.

Inch,	3/16	1/4	5/16	3/8	7/16	1/2
Per dozen,	$0 55	0 60	0 75	0 90	1 05	1 35

Three dozen in a package.

Jack Chain.



No. 20. Single. | No. 18. Single. | No. 16. Single. | No. 15. Single. | No. 14. Single. | No. 13. Single. | No. 12. Single. | No. 10. Single. | No. 8. Single.

Single Iron Jack Chain.

Nos.	6	7	8	9	10	11	12	13	14	15	16	18
Per dozen,	$1 20	0 92	0 75	0 53	0 48	0 43	0 38	0 34	0 30	0 28	0 25	0 23

Double Iron Jack Chain.

Nos.	6	7	8	9	10	11	12	14	16	18
Per dozen,	$1 60	1 10	0 87	0 77	0 66	0 55	0 50	0 42	0 35	0 30

Brass Jack Chain.

	SINGLE.					DOUBLE.		
Nos.	14	16	18	20	Nos.	16	18	20
Per dozen,	$1 15	0 80	0 60	0 45	Per dozen,	$1 30	0 85	0 57

One dozen in a package.

Wrought Iron Repair Links.

Inch,	$\frac{3}{16}$	$\frac{1}{4}$			$\frac{5}{16}$	$\frac{3}{8}$	$\frac{7}{16}$	$\frac{1}{2}$
Per gross,	$1 50	1 75	Per pound,	$0 12	0 12	0 12	0 12	0 12

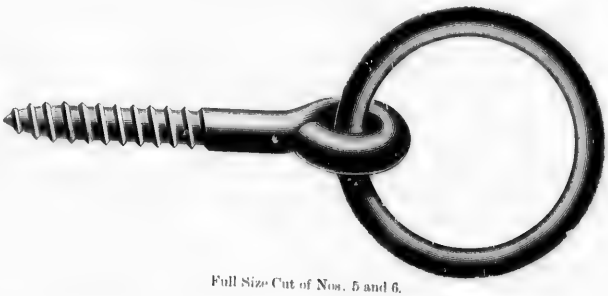
The $\frac{3}{16}$ and $\frac{1}{4}$ inch will do for repairing Trace Chains; $\frac{3}{16}$, $\frac{1}{4}$, $\frac{5}{16}$ and $\frac{3}{8}$ inch are bright; $\frac{7}{16}$ and $\frac{1}{2}$ inch are black.

No. 8.
Single.

	16	18
	0 25	0 23
	16	18
	0 35	0 30
		20
		0 57
		½
2		0 12

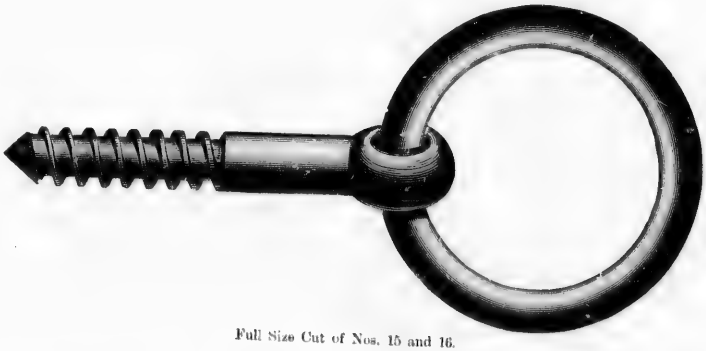
re black.

Hitching Rings.



Full Size Cut of Nos. 5 and 6.

No. 5, Two inch, Malleable Iron Ring, Wrought Iron Screw, - per dozen, $0 55
No. 6, Two inch, Japanned, Malleable Iron Ring, Japanned Wrought Iron Screw, per dozen, 0 65

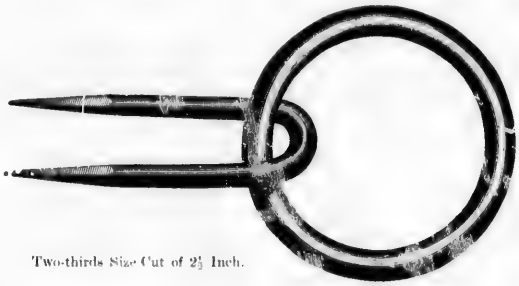


Full Size Cut of Nos. 15 and 16.

No. 15, Two and a half inch, Wrought Iron Ring and Screw, - per dozen, $0 85
No. 16, Two and a half inch, Japanned Wrought Iron Ring and Screw, " 1 00

One dozen in a box.

Wrought Trap Door Rings and Staples.



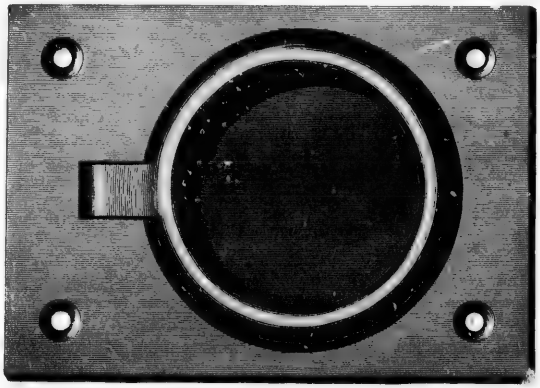
Two-thirds Size Cut of 2½ Inch.

Staples Hand-made from Norway Iron. Wrought Iron.

Inches,	2	2¼	2½
Per gross,	$11 50	13 20	15 60

Quarter gross in a box.

Flush Trap Door Rings.

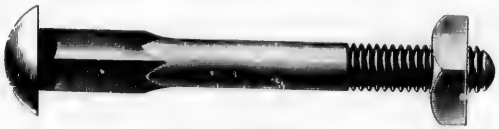


Full Size Cut of No. 1.

Nos.	1	2
Japanned, per dozen,	$1 05	2 00

One dozen in a box.

Full Short Square Carriage Bolts.



Canadian List.

1-4 ×	1¼	1½	1¾	2	2¼	2½	2¾	3	3¼	3½	3¾	4	4½	5	5½	6	6½	7
Per hundred,	$2 40	2 40	2 45	2 50	2 55	2 60	2 65	2 70	2 75	2 80	2 85	2 90	3 00	3 10	3 20	3 30	3 40	3 50
5-16 ×	1¼	1½	1¾	2	2¼	2½	2¾	3	3¼	3½	3¾	4	4½	5	5½	6	6½	7
Per hundred,	$2 70	2 70	2 80	2 90	3 00	3 10	3 20	3 30	3 40	3 50	3 60	3 70	3 90	4 10	4 30	4 50	4 70	4 90
3-8 ×	1½	1¾	2	2¼	2½	2¾	3	3¼	3½	3¾	4	4½	5	5½	6	6½	7	7½
Per hundred,	$3 60	3 70	3 70	3 82	3 95	4 08	4 20	4 32	4 45	4 58	4 70	4 95	5 20	5 45	5 70	5 95	6 20	6 45
7-16 ×	2	2½	3	3½	4	4½	5	5½	6	6½	7	7½	8	8½	9	10	11	12
Per hundred,	$5 40	5 70	6 00	6 30	6 60	6 90	7 20	7 50	7 80	8 10	8 40	8 70	9 00	9 30	9 60	10 20	10 80	11 40
1-2 ×	2½	3	3½	4	4½	5	5½	6	6½	7	7½	8	8½	9	10	11	12	14
Per hundred,	$7 60	8 00	8 40	8 80	9 20	9 60	10 00	10 40	10 80	11 20	11 60	12 00	12 40	12 80	13 60	14 40	15 20	16 80

American Revised List of June 10, 1884.

1-4 ×	1¼	1½	1¾	2	2¼	2½	2¾	3	3¼	3½	3¾	4	4½	5	5½	6	6½	7
Per hundred,	$1 35	1 35	1 40	1 45	1 50	1 55	1 60	1 65	1 70	1 75	1 80	1 85	1 95	2 05	2 15	2 25	2 35	2 45
5-16 ×	1¼	1½	1¾	2	2¼	2½	2¾	3	3¼	3½	3¾	4	4½	5	5½	6	6½	7
Per hundred,	$1 60	1 60	1 68	1 75	1 83	1 90	1 98	2 05	2 13	2 20	2 28	2 35	2 50	2 65	2 80	2 95	3 10	3 25
3-8 ×	2	2¼	2½	2¾	3	3¼	3½	3¾	4	4½	5	5½	6	6½	7	7½	8	8½
Per hundred,	$2 30	2 40	2 50	2 60	2 70	2 80	2 90	3 00	3 10	3 30	3 50	3 70	3 90	4 10	4 30	4 50	4 70	4 90
7-16 ×	2	2½	3	3½	4	4½	5	5½	6	6½	7	7½	8	8½	9	10	11	12
Per hundred,	$3 10	3 35	3 60	3 85	4 10	4 35	4 60	4 85	5 10	5 35	5 60	5 85	6 10	6 35	6 60	7 10	7 60	8 10
1-2 ×	2½	3	3½	4	4½	5	5½	6	6½	7	7½	8	8½	9	10	11	12	14
Per hundred,	$4 12	4 44	4 76	5 08	5 40	5 72	6 04	6 36	6 68	7 00	7 32	7 64	7 96	8 28	8 92	9 56	10 20	11 48

Quarter inch, one hundred in a package; other sizes, half hundred.

Bay State Tire Bolts.

American List of February 28, 1883.

3-16 ×	1	1¼	1½	1¾	2	2¼	2½	2¾	3	3¼	3½	3¾	4
Per hundred,	$0 60	60	60	65	70	75	80	85	90	95	1 00	1 05	1 10
1-4 ×	1	1¼	1½	1¾	2	2¼	2½	2¾	3	3¼	3½	3¾	4
Per hundred,	$0 80	80	80	85	90	95	1 00	1 05	1 10	1 15	1 20	1 25	1 30
5-16 ×	1	1¼	1½	1¾	2	2¼	2½	2¾	3	3¼	3½	3¾	4
Per hundred,	$1 10	1 10	1 10	1 10	1 17	1 24	1 31	1 38	1 45	1 52	1 59	1 66	1 73

One hundred in a box.

Canadian Tire Bolt List.

3-16 ×			1	1¼	1½	1¾	2	2¼	2½	2¾	3	3¼	3½				
Per hundred,			$1 50	1 50	1 50	1 50	1 55	1 60	1 65	1 70	1 75	1 80	1 85				
1-4 ×	1	1¼	1½	1¾	2	2¼	2½	2¾	3	3¼	3½	3¾	4	4½	5	5½	6
Per hundred,	$1 68	1 85	1 85	1 85	1 85	1 85	1 85	1 92	2 00	2 08	2 16	2 25	2 30	2 35	2 40	2 50	2 60
5-16 ×	1	1¼	1½	1¾	2	2¼	2½	2¾	3	3¼	3½	3¾	4	4½	5	5½	6
Per hundred,	$2 24	2 24	2 24	2 32	2 41	2 50	2 58	2 66	2 74	2 82	2 90	2 98	3 06	3 22	3 38	3 54	3 70
3-8 ×	1	1¼	1½	1¾	2	2¼	2½	2¾	3	3¼	3½	3¾	4	4½	5	5½	6
Per hundred,	$3 20	3 20	3 20	3 20	3 20	3 30	3 40	3 50	3 60	3 70	3 80	3 90	4 00	4 20	4 40	4 60	4 80

Sleigh Shoe Bolts.

Inch,	⅜ x 3	3½	4	4½	5
Per hundred,	$4 20	4 45	4 70	4 95	5 20

Half hundred in a package.

Stove Bolts.

Flat Head.

Round Head.

Flat Head.

3-16 ×	3-8	1-2	5-8	3-4	7-8	1	1¼	1	1¾	2¼	2½	2¾	2¾	2¾	3
Per hundred,	$0 60	0 60	0 60	0 60	0 65	0 65	0 70	0 75	0 80	0 85	0 90	0 95	1 00		1 05
1-4 ×		1-2	5-8	3-4	7-8	1	1¼	1½	1¾	2	2¼	2½	2¾		3
Per hundred,		$0 65	0 65	0 65	0 70	0 70	0 75	0 80	0 85	0 90	0 95	1 00	1 05		1 10
5-16 ×		3-4	1	1¼	1½	1¾	2	2¼	2½	2¾	3				
Per hundred,		$1 05	1 10	1 15	1 20	1 25	1 30	1 35	1 40	1 45	1 50				

Round Head.

3-16 ×	3-8	1-2	5-8	3-4	7-8	1	1¼	1½	1¾	1½	1¾	2
Per hundred,	$0 85	0 85	0 85	0 85	0 90	0 90	0 95	0 95	1 00	1 00	1 05	1 10
1-4 ×	1-2	5-8	3-4	7-8	1	1¼	1½	1¾	2			
Per hundred,	$0 95	0 95	0 95	1 00	1 00	1 05	1 10	1 15	1 20			

We keep in stock $\frac{3}{16}$ and ¼ inch flat heads, but can supply others at short notice.

One hundred in a box.

Machine Bolts.

With Square Heads and Nuts.

Length.		1/4	5/16	3/8	7/16	1/2	9/16 & 5/8	3/4	7/8	1
1½ inch,	per hundred,	$2 80	$3 20	$3 60	$4 60	$5 00	$7 20	$10 50	$14 90	$22 00
2 inch,	"	2 90	3 35	3 80	4 90	5 30	7 70	11 10	15 80	23 10
2½ inch,	"	3 00	3 50	4 00	5 20	5 60	8 20	11 70	16 60	24 20
3 inch,	"	3 10	3 65	4 20	5 50	5 90	8 70	12 30	17 50	25 30
3½ inch,	"	3 20	3 80	4 40	5 80	6 20	9 20	12 90	18 30	26 40
4 inch,	"	3 30	3 95	4 60	6 10	6 50	9 70	13 50	19 20	27 50
4½ inch,	"	3 40	4 10	4 80	6 40	6 80	10 20	14 10	20 00	28 60
5 inch,	"	3 50	4 25	5 00	6 70	7 10	10 70	14 70	20 90	29 70
5½ inch,	"	3 60	4 40	5 20	7 00	7 40	11 20	15 30	21 70	30 80
6 inch,	"	3 70	4 55	5 40	7 30	7 70	11 70	15 90	22 60	31 90
6½ inch,	"	3 80	4 70	5 60	7 60	8 00	12 20	16 50	23 40	33 00
7 inch,	"	3 90	4 85	5 80	7 90	8 30	12 70	17 10	24 30	34 10
7½ inch,	"	4 00	5 00	6 00	8 20	8 60	13 20	17 70	25 10	35 20
8 inch,	"	4 10	5 15	6 20	8 50	8 90	13 70	18 30	26 00	36 30
9 inch,	"	.....	.....	6 60	9 10	9 50	14 75	19 50	27 70	38 50
10 inch,	"	.....	.....	7 00	9 70	10 10	15 75	20 70	29 40	40 70
11 inch,	"	.....	.....	7 40	10 30	10 70	16 75	21 90	31 10	42 90
12 inch,	"	.....	.....	7 80	10 90	11 30	17 75	23 10	32 80	45 10
13 inch,	"	.....	.....	.....	.....	11 90	18 75	24 30	34 50	47 30
14 inch,	"	.....	.....	.....	.....	12 50	19 75	25 50	36 20	49 50
15 inch,	"	.....	.....	.....	.....	13 10	20 75	26 70	37 90	51 70
16 inch,	"	.....	.....	.....	.....	13 70	21 75	27 90	39 60	53 90
17 inch,	"	.....	.....	.....	.....	14 30	22 75	29 10	41 30	56 10
18 inch,	"	.....	.....	.....	.....	14 90	23 75	30 30	43 00	58 30
19 inch,	"	.....	.....	.....	.....	15 50	24 75	31 50	44 70	60 50
20 inch,	"	.....	.....	.....	.....	16 10	25 75	32 70	46 40	62 70

Bolts with Hexagon Heads or Hexagon Nuts will be charged 10 per cent. extra. If both Hexagon Heads and Hexagon Nuts, 20 per cent. extra.

Elevator Bolts.

Wrought Iron.

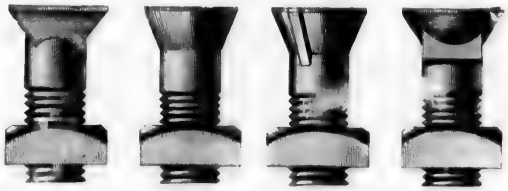
For Bolting Buckets to Grain Elevators.

Inch,	3/16	3/16	1/4	1/4	5/16	5/16
Length,	3/4	1	3/4	1	1	1¼
Per hundred,	$2 20	2 20	2 20	2 20	3 00	3 00

One hundred in a package.

Plow Bolts.

No. 4. No. 2. Key. No. 3.



Square countersunk head. Round head. Key head. Round head, square shank.

Length.	5-16 inch.	3-8 inch.	7-16 inch.	1-2 inch.	9-16 inch.	5-8 inch.
1¼ inch, per hundred,	$1 70	$2 00	$2 60	$3 50	$4 50	$5 70
1½ inch, "	1 80	2 10	2 75	3 70	4 75	6 00
1¾ inch, "	1 90	2 20	[illegible]	3 90	5 00	6 30
2 inch, "	2 00	2 30	3 05	4 10	5 25	6 60
2¼ inch, "	2 10	2 40	3 20	4 30	5 50	6 90
2½ inch, "	2 20	2 50	3 35	4 50	5 75	7 20
2¾ inch, "	2 30	2 60	3 50	4 70	6 00	7 50
3 inch, "	2 40	2 70	3 65	4 90	6 25	7 80
3¼ inch, "	2 50	2 80	3 80	5 10	6 50	8 10
3½ inch, "	2 60	2 90	3 95	5 30	6 75	8 40
3¾ inch, "	2 70	3 00	4 10	5 50	7 00	8 70
4 inch, "	2 80	3 10	4 25	5 70	7 25	9 00

One hundred in a package.

In Bulk.

5/16 inch,	per pound,	$0 25
3/8 inch,	"	0 15
7/16 inch,	"	0 14
1/2 inch,	"	0 13
9/16 inch,	"	0 13
5/8 inch,	"	0 13

In ordering Plow Bolts, please state what style heads are wanted, and whether right or left hand threads.

Weight in Pounds of 100 Bolts of the Enumerated Sizes, with Square Heads and Nuts.

Length. In.	1-4 in.	5-16 in.	3-8 in.	7-16 in.	1-2 in.	5-8 in.	3-4 in.	7-8 in.
1½	4.2	7.6	10.6	15.9	23.9	39.3	...	...
1¾	4.2	7.9	11.7	16.9	25.1	41.4	...	...
2	4.7	8.6	12.4	18.2	26.4	45.7	73.6	...
2¼	5.3	9.1	12.9	19.4	28.6	49.5	76.	...
2½	6.0	9.6	14.7	20.7	29.5	51.2	79.7	...
2¾	6.5	10.4	16.5	21.5	31.2	53.	83.	...
3	...	11.8	17.9	22.4	32.4	56.	85.4	127.2
3½	...	12.8	18.9	26.2	39.7	63.1	93.4	140.6
4	...	...	20.6	28.9	42.5	71.9	108.1	148.4
4½	...	...	21.7	29.9	44.9	79.6	113.1	158.8
5	...	...	23.6	[illegible]	48.8	83.	122.	167.2
5½	...	...	25.8	34.4	51.4	87.9	128.6	174.9

Length. In.	1-2 in.	5-8 in.	3-4 in.	7-8 in.
6	53.[illegible]	92.4	131.7	204.2
6½	56.9	96.[illegible]	139.6	214.7
7	59.1	99.9	145.5	228.4
7½	61.9	105.7	150.9	235.3
8	64.4	109.5	157.1	239.9
9	70.5	118.1	179.6	258.1
10	77.	128.1	184.	276.2
11	82.9	136.2	195.1	295.7
12	86.4	144.9	209.7	311.9
13	92.	155.5	219.4	335.8
14	97.7	163.6	237.5	351.9
15	103.2	170.7	249.1	391.7

The above table may be applied to Machine and Carriage Bolts.

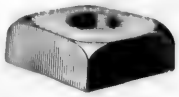
Coach or Lag Screws.

With Square Heads.

REVISED LIST OF JULY 15TH, 1879.

Diameter	Length of Bolt, and Price per Hundred.													
1-4	1½	2	2½	3	3½	4	4½	5	5½	6	7	8	9	10
5-16	$2 70	2 90	3 10	3 30	3 50	3 70	3 90	4 10	4 30	4 50	4 90	5 30	5 70	6 1
3-8	1½	2	2½	3	3½	4	4½	5	5½	6	7	8	9	10
	$3 10	3 30	3 50	3 70	3 90	4 10	4 30	4 50	4 70	4 90	5 30	5 70	6 10	6 50
7-16	1½	2	2½	3	3½	4	4½	5	5½	6	7	8	9	10
	$4 00	4 25	4 50	4 75	5 00	5 25	5 50	5 75	6 00	6 25	6 75	7 25	7 75	8 25
1-2	1½	2	2½	3	3½	4	4½	5	5½	6	7	8	9	10
	$4 30	4 60	4 90	5 20	5 50	5 80	6 10	6 40	6 70	7 00	7 60	8 20	8 80	9 40
9-16	3	3½	4	4½	5	5½	6	7	8	9	10	11	12	13
5-8	$7 30	7 70	8 10	8 50	8 90	9 30	9 70	10 50	11 30	12 10	12 90	13 70	14 50	15 30
3-4	3	3½	4	4½	5	5½	6	7	8	9	10	11	12	13
	$10 50	11 00	11 50	12 00	12 50	13 00	13 50	14 50	15 50	16 50	17 50	18 50	19 50	20 50
7-8	3	3½	4	4½	5	5½	6	7	8	9	10	11	12	13
	$15 00	15 75	16 50	17 25	18 00	18 75	19 50	21 00	22 50	24 00	25 50	27 00	28 50	30 00
1	3	3½	4	4½	5	5½	6	7	8	9	10	11	12	13
	$21 60	21 60	22 50	23 40	24 25	25 25	26 25	28 25	30 25	32 25	34 25	36 25	38 25	40 25

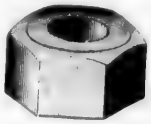
Hot Pressed Square Nuts.



Size Square.	Thickness.	Diameter of Hole.	Size of Bolt.	Per pound.	Average number in 100 lbs.
$\frac{11}{32}$	$\frac{5}{32}$	$\frac{3}{32}$	$\frac{1}{8}$	50 cts.	30,000
$\frac{13}{32}$	$\frac{3}{16}$	$\frac{5}{32}$	$\frac{3}{16}$	30 cts.	15,000
$\frac{1}{2}$	$\frac{1}{4}$	$\frac{7}{32}$	$\frac{1}{4}$	20 cts.	7,500
$\frac{5}{8}$	$\frac{5}{16}$	$\frac{9}{32}$	$\frac{5}{16}$	17 cts.	4,400
$\frac{3}{4}$	$\frac{3}{8}$	$\frac{11}{32}$	$\frac{3}{8}$	15 cts.	2,500
$\frac{7}{8}$	$\frac{7}{16}$	$\frac{13}{32}$	$\frac{7}{16}$	$13\frac{1}{2}$ cts.	1,400
$\frac{7}{8}$	$\frac{1}{2}$	$\frac{7}{16}$	$\frac{1}{2}$		1,320
1	$\frac{1}{2}$	$\frac{7}{16}$	$\frac{1}{2}$		1,000
$1\frac{1}{8}$	$\frac{9}{16}$	$\frac{1}{2}$	$\frac{9}{16}$	$12\frac{1}{2}$ cts.	595
$1\frac{1}{8}$	$\frac{5}{8}$	$\frac{9}{16}$	$\frac{5}{8}$		500
$1\frac{1}{4}$	$\frac{5}{8}$	$\frac{9}{16}$	$\frac{5}{8}$	12 cts.	450
$1\frac{3}{8}$	$\frac{3}{4}$	$\frac{21}{32}$	$\frac{3}{4}$		325
$1\frac{1}{2}$	$\frac{3}{4}$	$\frac{21}{32}$	$\frac{3}{4}$		250
$1\frac{5}{8}$	$\frac{7}{8}$	$\frac{25}{32}$	$\frac{7}{8}$		200
$1\frac{3}{4}$	$\frac{7}{8}$	$\frac{25}{32}$	$\frac{7}{8}$		140
$1\frac{3}{4}$	1	$\frac{7}{8}$	1	$11\frac{1}{2}$ cts.	120
2	1	$\frac{7}{8}$	1		100
2	$1\frac{1}{8}$	$\frac{15}{16}$	$1\frac{1}{8}$		92
$2\frac{1}{4}$	$1\frac{1}{8}$	$\frac{15}{16}$	$1\frac{1}{8}$		75
$2\frac{1}{4}$	$1\frac{1}{4}$	$1\frac{1}{16}$	$1\frac{1}{4}$		68
$2\frac{1}{2}$	$1\frac{1}{4}$	$1\frac{1}{16}$	$1\frac{1}{4}$	$12\frac{1}{2}$ cts.	55
$2\frac{3}{4}$	$1\frac{3}{8}$	$1\frac{3}{16}$	$1\frac{3}{8}$		48
3	$1\frac{1}{2}$	$1\frac{5}{16}$	$1\frac{1}{2}$	13 cts.	32
$3\frac{1}{4}$	$1\frac{5}{8}$	$1\frac{7}{16}$	$1\frac{5}{8}$		30
$3\frac{1}{2}$	$1\frac{3}{4}$	$1\frac{9}{16}$	$1\frac{3}{4}$		27
$3\frac{3}{4}$	$1\frac{7}{8}$	$1\frac{11}{16}$	$1\frac{7}{8}$	14 cts.	24
4	2	$1\frac{13}{16}$	2		21

One hundred pounds in a box.

Hot Pressed Hexagon Nuts.

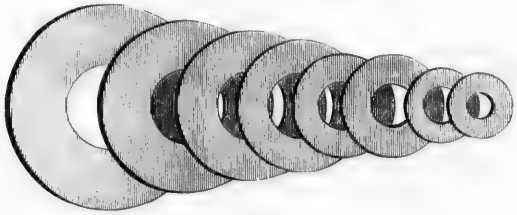


Size Square.	Thickness.	Diameter of Hole.	Size of Bolt.	Per pound.	Average number in 100 lbs.
$\frac{1}{2}$	$\frac{1}{4}$	$\frac{7}{32}$	$\frac{1}{4}$	30 cts.	8,860
$\frac{5}{8}$	$\frac{5}{16}$	$\frac{9}{32}$	$\frac{5}{16}$	25 cts.	4,500
$\frac{3}{4}$	$\frac{3}{8}$	$\frac{11}{32}$	$\frac{3}{8}$	20 cts.	4,000
$\frac{7}{8}$	$\frac{7}{16}$	$\frac{3}{8}$	$\frac{7}{16}$	18 cts.	1,600
$\frac{7}{8}$	$\frac{1}{2}$	$\frac{7}{16}$	$\frac{1}{2}$		1,260
1	$\frac{1}{2}$	$\frac{7}{16}$	$\frac{1}{2}$		1,100
$1\frac{1}{8}$	$\frac{9}{16}$	$\frac{1}{2}$	$\frac{9}{16}$	16 cts.	675
$1\frac{1}{8}$	$\frac{5}{8}$	$\frac{9}{16}$	$\frac{5}{8}$		620
$1\frac{1}{4}$	$\frac{5}{8}$	$\frac{9}{16}$	$\frac{5}{8}$		550
$1\frac{1}{4}$	$\frac{3}{4}$	$\frac{9}{16}$	$\frac{5}{8}$	15 cts.	525
$1\frac{3}{8}$	$\frac{3}{4}$	$\frac{21}{32}$	$\frac{3}{4}$		420
$1\frac{1}{2}$	$\frac{3}{4}$	$\frac{21}{32}$	$\frac{3}{4}$		300
$1\frac{1}{2}$	$\frac{7}{8}$	$\frac{21}{32}$	$\frac{3}{4}$		290
$1\frac{5}{8}$	$\frac{7}{8}$	$\frac{25}{32}$	$\frac{7}{8}$		170
$1\frac{5}{8}$	1	$\frac{25}{32}$	$\frac{7}{8}$	$14\frac{1}{2}$ cts.	158
$1\frac{3}{4}$	1	$\frac{7}{8}$	1		145
$1\frac{3}{4}$	$1\frac{1}{8}$	$\frac{7}{8}$	1		130
2	$1\frac{1}{4}$	$\frac{15}{16}$	$1\frac{1}{8}$		105
$2\frac{1}{4}$	$1\frac{3}{8}$	$1\frac{1}{16}$	$1\frac{1}{4}$		80
$2\frac{1}{2}$	$1\frac{1}{2}$	$1\frac{3}{16}$	$1\frac{3}{8}$	$15\frac{1}{2}$ cts.	65
$2\frac{3}{4}$	$1\frac{5}{8}$	$1\frac{5}{16}$	$1\frac{1}{2}$		55
3	$1\frac{3}{4}$	$1\frac{7}{16}$	$1\frac{5}{8}$	16 cts.	45
$3\frac{1}{4}$	$1\frac{7}{8}$	$1\frac{9}{16}$	$1\frac{3}{4}$		34
$3\frac{1}{2}$	2	$1\frac{11}{16}$	$1\frac{7}{8}$	17 cts.	26
$3\frac{1}{2}$	2	$1\frac{13}{16}$	2		24

Please note that price will be ONE CENT per lb. EXTRA for all sizes ordered and not included in above.

One hundred pounds in a box.

Iron Washers.

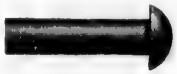


Standard List, adopted June 25, 1879.

Diameter.	Size of Hole.	Thickness Wire Gauge.	Size of Bolt.	Per pound.	Number in 100 lbs.
$\frac{7}{16}$	$\frac{3}{16}$	No. 18	$\frac{1}{8}$	20 cts.	
$\frac{1}{2}$	$\frac{1}{4}$	No. 18	$\frac{3}{16}$	15 cts.	53,334
$\frac{3}{4}$	$\frac{5}{16}$	No. 16	$\frac{1}{4}$	15 cts.	14,667
$\frac{7}{8}$	$\frac{3}{8}$	No. 16	$\frac{5}{16}$	13 cts.	12,333
1	$\frac{7}{16}$	No. 14	$\frac{3}{8}$	10 cts.	7,934
$1\frac{1}{4}$	$\frac{1}{2}$	No. 14	$\frac{7}{16}$	10 cts.	5,000
$1\frac{3}{8}$	$\frac{9}{16}$	No. 12	$\frac{1}{2}$	9 cts.	3,000
$1\frac{1}{2}$	$\frac{5}{8}$	No. 12	$\frac{9}{16}$	9 cts.	2,566
$1\frac{3}{4}$	$\frac{11}{16}$	No. 11	$\frac{5}{8}$	8 cts.	1,667
$1\frac{3}{4}$	$\frac{3}{4}$	No. 10	$\frac{11}{16}$	8 cts.	1,066
2	$\frac{13}{16}$	No. 10	$\frac{3}{4}$	8 cts.	950
2	$\frac{15}{16}$	No. 10	$\frac{7}{8}$	8 cts.	725
$2\frac{1}{4}$	$1\frac{1}{16}$	No. 10	1	8 cts.	575
$2\frac{1}{2}$	$1\frac{1}{4}$	No. 10	$1\frac{1}{16}$	8 cts.	460

Fifty pounds in a box.

Oval Head Carriage Rivets.



Inch,	$\frac{3}{4}$	1	$1\frac{1}{4}$	$1\frac{1}{2}$	$1\frac{3}{4}$	2	$2\frac{1}{4}$	$2\frac{1}{2}$	$2\frac{3}{4}$	3
Nos.	3	3	3	3	3	3	3	3	3	3
Per pound,	-	-	-	-	-	-	-	-		$0 13
Inch.	$\frac{3}{4}$	1	$1\frac{1}{4}$	$1\frac{1}{2}$	$1\frac{3}{4}$	2	$2\frac{1}{4}$	$2\frac{1}{2}$	$2\frac{3}{4}$	3
Nos.	6	6	6	6	6	6	6	6	6	6
Per pound,	-	-	-	-	-	-	-	-		$0 14

Five pounds in a package.

Tinners' Rivets.

Black Iron.

Ounces,	8	10	12	14	Pounds,	1	1¼	1½	1¾	2
Per 1000,	$0 20	0 22	0 24	0 26		0 27	0 29	0 32	0 36	0 40

Pounds,	2½	3	4	5	6	7	8	10	12	14
Per 1000,	$0 47	0 53	0 64	0 75	0 90	1 05	1 20	1 40	1 70	1 90

Tinned Iron.

Ounces,	8	10	12	14	Pounds,	1	1¼	1½
Per 1000,	$0 24	0 25	0 28	0 30		0 33	0 37	0 41

Pounds,	1¾	2	2½	3	4	5	6
Per 1000,	$0 47	0 52	0 63	0 72	0 88	1 05	1 26

One thousand in a package.

Copper Belt Rivets and Burs.

Cuts of No. 8 Rivets.

Nos.	7	8	10	12
Per pound,	$0 49	0 50	0 54	0 58

Copper Burs only, same price as corresponding number of Rivet.

One pound in a box.

Number of Copper Belt Rivets and Burs in a Pound.

No.	1/4	5-16	3/8	7-16	1/2	9-16	5/8	11/16	3/4	1	1¼	1½	Burs.
7	264	248	184	192	156	152	136	116	104	92	84	76	420
8	276	268	226	204	192	168	160	136	116	104	100	94	588
10	420	392	348	290	280	258	236	202	196				840
12	688	520	500	420	376	367	358	326					1262

Pointed Belt Hooks.

FULL SIZE CUTS.

No. 2. No. 4. No. 5. No. 6. No. 7. No. 8. No. 9. No. 10

Nos.	2	4	5	6	7	8	9	10
Per hundred,	$2 00	1 40	1 10	0 85	0 60	0 50	0 40	0 35

Nos. 2 to 5, one hundred in a box; 6 to 8, two hundred; 9 and 10, three hundred.

Blake's Patent Belt Studs.

Full Size Cuts of Nos. 0, 1, 2 and 3.

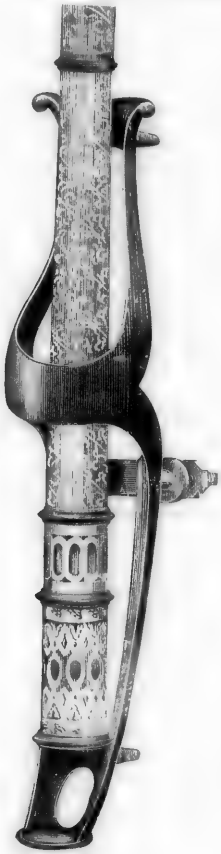
Nos.	0	1	2	3
Per hundred,	$3 00	2 47	1 87	1 35

No. 0 is suitable for four or five ply rubber belts, or heavy double leather belts, other sizes for proportionately lighter belts.

One hundred in a box.

Whip Sockets.

Wood Dash.



Leather Dash.

Adjustable.

No. 1, Japanned, Malleable Iron for Wood Dash,	per dozen,	$0 60
No. 2, Japanned, Malleable Iron, for Leather Dash,	"	1 05
No. 3, Adjustable, Japanned, Wrought Iron,	"	3 15

One dozen in a box.

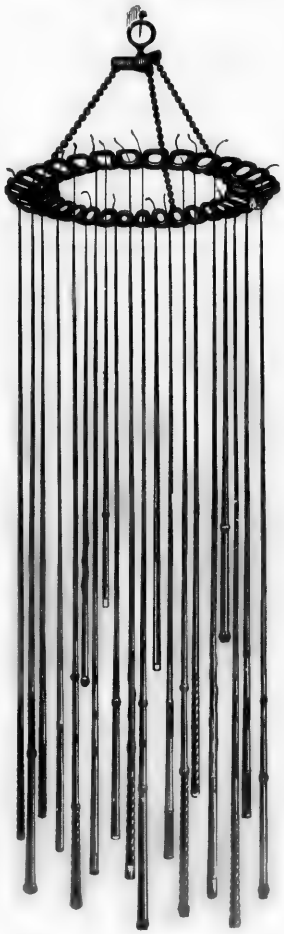
Patent Spring Whiffletree Hooks.

Nos.	1	2	3	4
Inch,	$\frac{7}{8}$	1	$1\frac{1}{8}$	$1\frac{1}{4}$
Per dozen pairs,	$4 50	4 80	5 40	6 30

Half dozen pairs in a box.

Driving Whips.

We stock a very fine line of Whips, and as it is impossible to describe them intelligently on paper,



Our Travellers carry Samples of the Goods.

Whip Lashes.

Horse Hide.

Feet,	3	3½	4	4½	5	5½	6
Per dozen,	$1 35	1 57	1 80	2 03	2 25	2 47	2 70

Imitation Buck.

Feet,	3	3½	4	4½	5	5½	6
Per dozen,	$1 50	1 75	2 00	2 25	2 50	2 75	3 00

One dozen in a package.

Hickory Whip Stocks.

Assorted, 3½ and 4 feet, - - - - - per dozen, $2 25

One dozen in a bundle.

Hanging Whip Racks.

Japanned.

No. 2, Circular without Chain, - - - - per dozen, $1 50

Shaft Rubbers.

Assorted ⅞, 1 and 1⅛ inch, - - - - per dozen pairs, $0 50

One dozen pairs in a box.

Sleigh Bells.

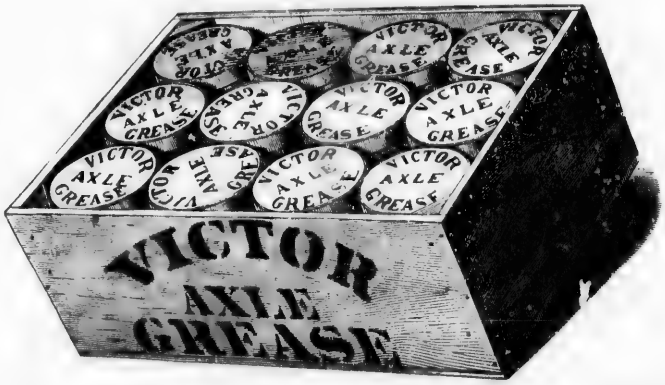
York Eye, Pear Shape.

Nos.	8	10	12	14
Per dozen,	$1 20	1 35	1 50	1 75

We also stock a full line of Shaft, Neck, Back and Body Sleigh Bells on straps. Our Travellers carry samples of these.

One dozen in a box.

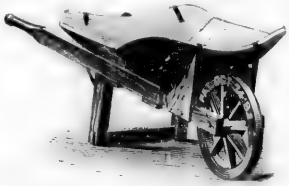
Victor Axle Grease.



Light Color, in one pound wood boxes, - - - - per gross, $12 00

Quarter gross boxes in a case.

Navvy Wheelbarrows.



Navvy Barrows, Wood Wheels, - - - - per dozen, $27 00

The "Handy" Truck.

Length of handles, 3 feet 10 inches; width at nose, 12 inches; width at upper bar, 17 inches; diameter of wheels, 6 inches; weight 25 pounds. Has solid Bottom-Board, and is the Most Convenient Truck in the Market for general use and for handling small Boxes, Kegs, Bags or Packages.

Each, - - - - - - - - - $3 50

Warehouse Trucks.

REVISED LIST OF JANUARY, 1886.	PRICE EACH.	Length of Handles.	Width of Truck.	Diameter of Wheels.	Weight, each.
		In.	In.	In.	Lbs.
No. 0—Store Truck, Half Ironed,	$4 75	42	18	6	30
No. 1—Store Truck, Half Ironed,	5 00	47	19	6½	34
No. 1—Store Truck, Full Ironed,	5 75	47	19	6½	38
No. 2—Store Truck, Half Ironed,	6 50	52	20	7½	49
No. 2—Store Truck, Full Ironed,	7 50	52	20	7½	54
No. 3—Store Truck, Half Ironed,	9 00	56	22	9	66
No. 3—Store Truck, Full Ironed,	10 50	56	22	9	72
No. 4—Store Truck, Full Ironed,	13 25	60	24	10	115

Sheet Metal Screw Oilers.

Zinc.

Nos.	0	1	2	3	4	5
Per dozen,	$1 00	1 25	1 50	1 75	2 25	3 00

Brass.

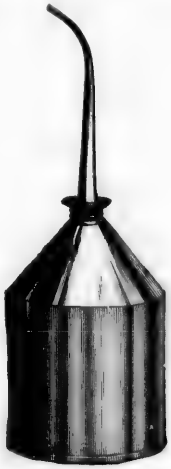
Nos.	21	22	23	24	25
Per dozen,	$2 50	3 00	3 50	4 50	5 75

No. 0 is for Sewing Machines.

No. 0, one dozen in a box; all others, half dozen.

Mowing Machine Oilers.

Third Size Cut of No. 693.



Third Size Cut of No. 675.

No. 693, Tin Mowing Machine Oilers,	per dozen,	$1 40
No. 675, Tin Mowing Machine Oilers,	"	1 70

No. 693, half dozen in a box; No. 675, in bulk.

Sewing Machine and Bicycle Oilers.

Full Size Cut.—Sewing Machine.

Two-thirds Size Cut.—Bicycle.

Sewing Machine Oilers, Gilt,	per dozen,	$3 40
Bicycle Oilers, Nickel-Plated,	"	1 70

One dozen in a box.

Shelf Brackets.

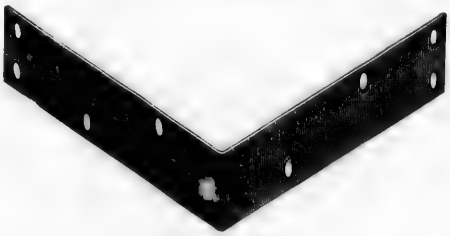
Full Size Cut of 5 x 6 Inches.

Japanned.

Inches,	3×4	4×5	5×6	6×8	8×10	10×12	12×14
Per dozen pairs,	$0 60	0 80	1 50	2 00	3 00	4 00	5 75

Quarter dozen pairs in a box or package.

Wrought Corner Irons.



Three-quarters Size Cut.

No. 14, 1 inch. Wrought Corner Irons, - - per single dozen, $0 60

One dozen in a bundle.

Shelf Brackets.

Full Size Cut of 4 x 6 Inches.

Bronzed.

Inches,	3 × 4	4 × 6	5 × 7	6 × 8	7 × 9	8 × 10	9 × 12
Per dozen pairs,	$1 50	1 75	2 40	3 00	4 00	5 00	6 00

Quarter dozen pairs in a box or package.

Tinned Angle Brackets.

Size,	3 × 4	4 × 5
Per single gross,	$3 60	4 50

Tinned Cornice Slides, - - - per single gross, $3 90

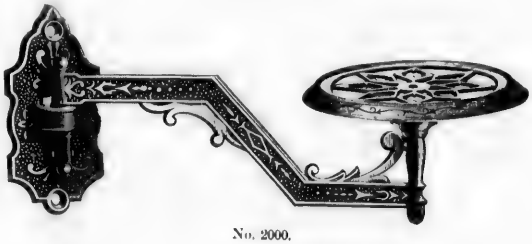
Quarter gross in a package.

Flower Pot Brackets.

No. 1760.

No. 1760, Maroon Bronzed, 5 inch Arm [illegible]ch Shelf, - - per dozen, $1 60

One dozen in a box.



No. 2000.

No. 2000, Maroon Bronzed, 7 inch Arm, 4½ inch Shelf, - per dozen, $2 10

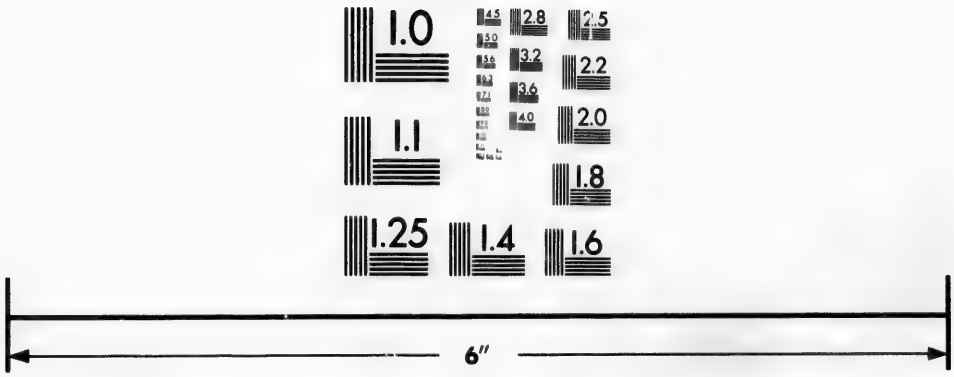
Three in a box.

No. 1792.

No. 1792, Maroon Bronzed, 8 inch Arm, 5½ inch Shelf, - per dozen, $3 00

Three in a box.

IMAGE EVALUATION
TEST TARGET (MT-3)



Photographic
Sciences
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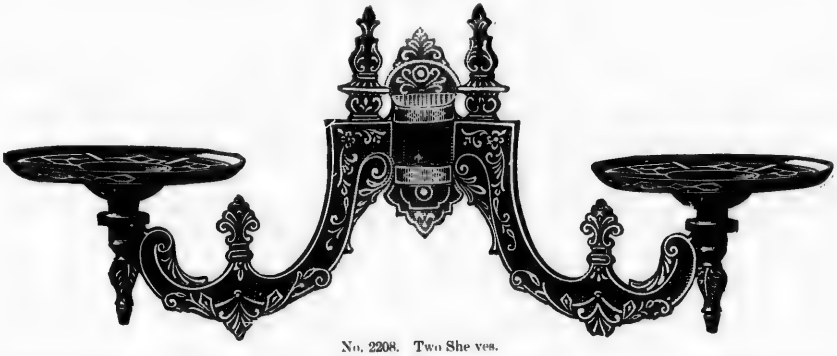
23 WEST MAIN STREET
WEBSTER, N.Y. 14580
(716) 872-4503

2.8
3.2
3.6
4.0
2.5
2.2
2.0
1.8
1.1
1.0

Flower Pot Brackets.

No. 2090. Two Shelves.

No. 2090, Dark Antique Bronzed, 12 inch Arm, 5½ and 4 inch Shelves, per doz., $7 30
Three in a box.



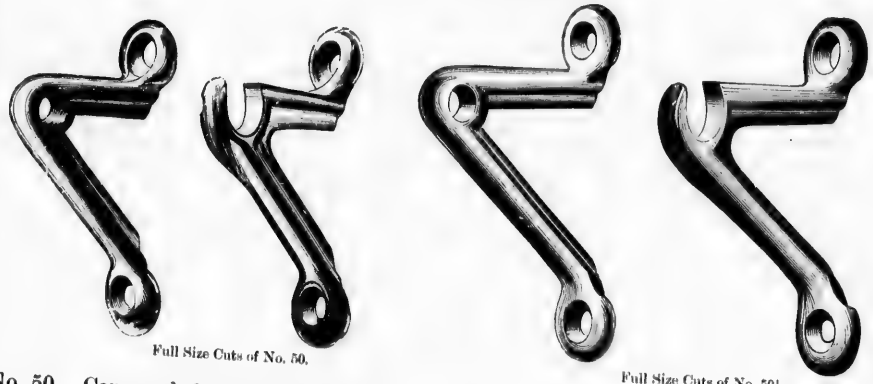
No. 2208. Two Shelves.

No. 2208, Maroon Bronzed, 8 inch Arms, 6½ inch Shelves, - per dozen, $7 00
Two in a box.

No. 2368. Three Shelves.

No. 2368, Maroon, Bronzed, 8 inch Arms, 5½ inch Shelves, - per dozen, $10 75
One in a box.

Shade Brackets.

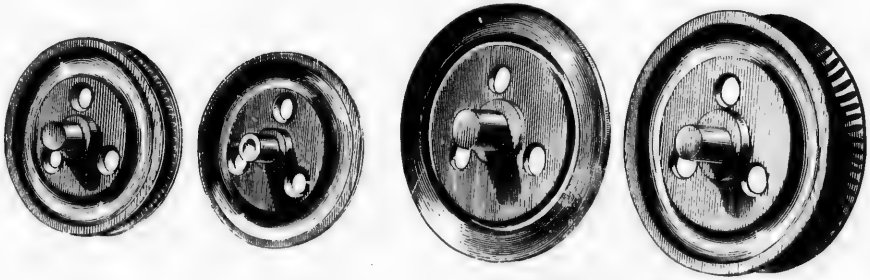


Full Size Cuts of No. 50. Full Size Cuts of No. 50½.

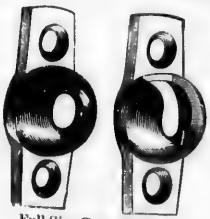
No. 50, Coppered, for ordinary Shades, - - - per gross, $1 80
No. 50½, Coppered, Extra Large, for Store Shades, - - " 4 60

Quarter gross in a box.

Shade Roller Ends.



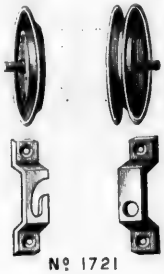
Full Size Cuts of No. 51.



Full Size Cuts of No. 52.

No. 51, Coppered, with Thimbles, for ordinary Shades, - per gross, $2 75
No 52, Coppered, with Thimbles, Extra Large, for Store Shades, - " 9 00

Shade Roller Ends.



Nº 1721

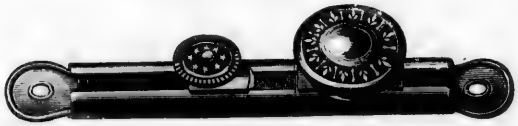
Loach & Clark's.

No. 1721, $1\frac{1}{2}$ inch Wrought Brass Roller Ends, with Brackets, - per dozen, $1 65
No. 1721, $1\frac{3}{4}$ inch Wrought Brass Roller Ends, with Brackets, " 1 90
No. 1721, 2 inch Wrought Brass Roller Ends, with Brackets, - " 2 25

One dozen in a box.

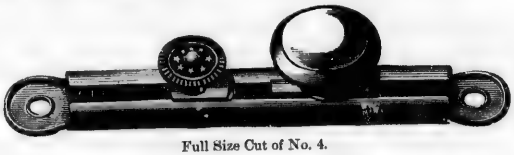
Rack Pulleys.

With Loose Pulleys.



Full Size Cut of No. 0.

No. 0, 4 inch, Brass, Light, Brass Knob, - - - r dozen, $0 85



Full Size Cut of No. 4.

No. 4, 4 inch, Brass, Porcelain Knob, - - - per dozen, $1 05

Full Size Cut of No. 159.

No. 159, Bronzed Iron, Brass Knob, - - - per dozen, $0 65
No. 160, Bronzed Iron, Porcelain Knob, - - - " 0 95

Three dozen in a box.

Rack Pulleys.

With Loose Pulleys.

Full Size Cut of No. 31.

No. 31, Bronzed Iron, Silver Plated Knob, for heavy Shades, - per dozen, $1 95

Three dozen in a box.

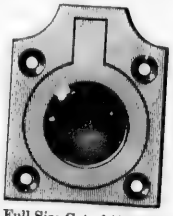
No. 1663.

Loach & Clark's.

No. 1663,	4 inch, Wrought Brass, Brass Knob,	per dozen, $1 35
No. 1663,	4½ inch, Wrought Brass, Brass Knob,	" 1 50
No. 1663,	5 inch, Wrought Brass, Brass Knob,	" 1 65
No. 1663*a*,	4 inch, Wrought Brass, Porcelain Knob,	" 1 40
No. 1663*a*,	4½ inch, Wrought Brass, Porcelain Knob,	" 1 60
No. 1663*a*,	5 inch, Wrought Brass, Porcelain Knob,	" 1 75

One dozen in a box or package.

Cast Brass Flush Rings.



Full Size Cut of 1⅛ Inch.

Polished and Lacquered.

Inch,	1	1⅛	1¼
Per dozen,	$1 00	1 10	1 35

Two dozen in a box.

Brass Pole Brackets.

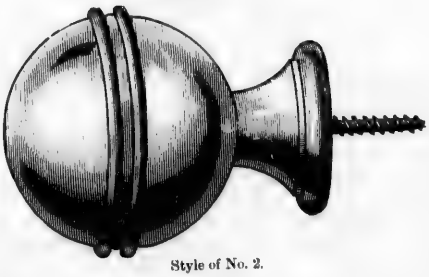
Burnished.

Inch,	1½	2	2½	3
Per dozen pairs,	$3 10	3 75	5 10	7 50

One dozen pairs in a package.

Brass Pole Ends.

Burnished.



Style of No. 2.

No. 2, 1½ inch Brass Pole Ends,	per pair,	$0 45
No. 2, 2 inch Brass Pole Ends,	"	0 65

One pair in a box.

Brass Pole Rings.

BURNISHED.

Style of No. 29.

For Sash Curtains.

Style of No. 4.

Style of No. 818.

No. 29.

Inch,	2	2½	3	3½
Per dozen,	$0 40	0 55	0 75	1 35

No. 818.

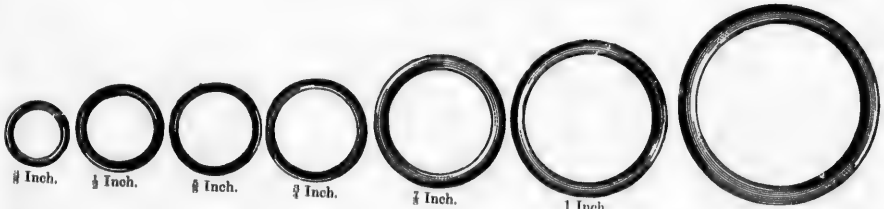
Inch,	1¾	2¼
Per dozen,	$0 40	0 45

No. 4.

Inch,	½	¾
Per dozen,	$0 33	0 41

One dozen in a package.

Brass Curtain Rings.



⅜ Inch. ½ Inch. ⅝ Inch. ¾ Inch. ⅞ Inch. 1 Inch. 1¼ Inch.

Inch,	⅜	½	⅝	¾	⅞	1	1¼	1½
Per gross,	$0 24	0 27	0 40	0 45	0 60	0 80	0 95	1 60

One gross in a box or package.

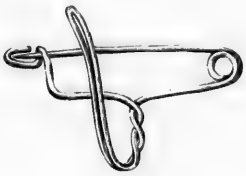
Brass Screw Rinks.

1 Inch. ¾ Inch. ⅝ Inch. ½ Inch.

Inch,	7/16	½	⅝	¾	⅞	1
Per gross,	$1 12	1 30	1 50	1 70	2 75	3 45

One gross in a box or package.

Brass Drapery or Curtain Hooks.



No. 327.

Nos. 622 and 623.

No. 327, Brass Drapery Hooks, Large Size,	per gross,	$0 90
No. 622, Brass Drapery Hooks, Medium Size,	"	0 90
No. 623, Brass Drapery Hooks, Large Size,	"	1 45

One gross in a box.

Tassel Hooks.

Brass.

No. 4512.

No. 207.

TWO-THIRDS SIZE CUTS.

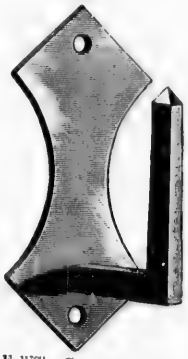
No. 4578.

No. 207, Cast Brass, Tassel Hooks,	per dozen,	$0 75
No. 4512, Cast Brass, Tassel Hooks,	"	1 40
No. 4578, Cast Brass, Tassel Hooks,	"	1 60

Three dozen in a box or package.

Tassel Hooks.

Brass.



Full Size Cut of No. 486.

Brass.

Full Size Cut of No. 400.

Bronzed.

Full Size Cut of No. 100.

No. 486, Plain, All Brass Tassel Hooks,	per gross,	$22 50
No. 400, Fancy, All Brass Tassel Hooks,	"	19 50
No. 100, Fancy, Bronzed Tassel Hooks, with Brass Hook,	"	11 25

Quarter gross in a box.

Japanned Line Cleats.

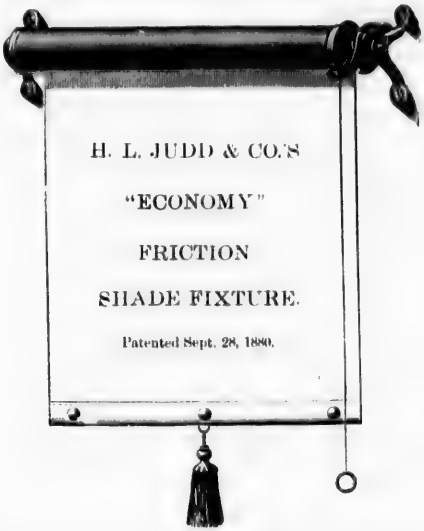
Full Size Cut of No. 1.

Full Size Cut of No. 7.

No. 1, Japanned Iron Line Cleats,	per dozen,	$0 30
No. 7, Japanned Iron Line Cleats,	"	0 75

Two dozen in a box.

Judd's "Economy" Shade Fixture.



A Friction Fixture to Pull Down by the Shade, or Let Down by the Cord.

CHEAP.

"Economy" Shade Fixtures, size of Roller, 1 x 42 inches, - per gross, $16 50

Half gross in a box.

The "Victor" Spring Shade Fixture.

The Best in America.

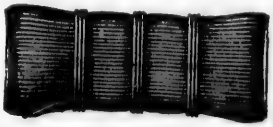
"Victor" Spring Shade Fixtures, size of Roller, 1 x 42 inches, - per gross, $37 50
"Victor" Spring Shade Fixtures, size of Roller, 1 x 36 icnhes, - " 35 00

For durability and neatness it is unrivalled by any Spring Roller made.

Quarter gross in a box.

Worsted Shade Cord.

English.



No. 1¾, Worsted Shade Cord, Green, Scarlet and Crimson, - per gross, $1 50

One gross in a package.

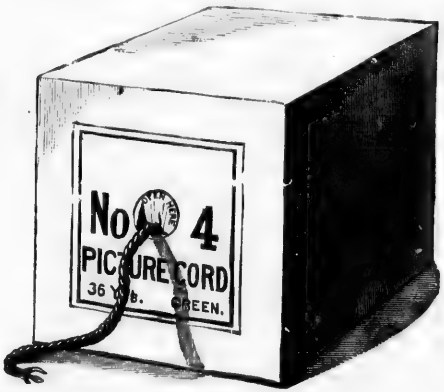
American.

Cotton, Green and Scarlet, - - - - per dozen balls, $1 50

Put up in good shape.

One dozen balls in a box.

Worsted Picture Cord.

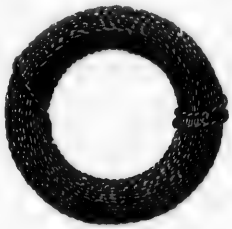


No. 1, Worsted Picture Cord, Scarlet and Green, - - per box, $0 45
No. 2, Worsted Picture Cord, Scarlet and Green, - - " 0 60

Packed in sealed boxes.

Thirty-six yards in a box.

Braided Wire Picture Cord.



Silvered.

Nos.	0	1	2	3
Per dozen pieces,	$0 50	1 00	1 75	2 00

Gilt.

Nos.	00	01	02
Per dozen pieces,	$2 75	4 50	6 75

Twenty-five yards in a piece.

Packed one dozen pieces in a box.

Picture or Moulding Hooks.

Wrought Brass.

Full Size Cut of No. 9.

Style of Nos. 75 and 76.

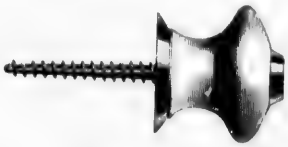
No. 9, Wrought Brass, 1½ inch Moulding Hooks, Plain. - - per gross, $3 40
No. 75, Wrought Burnished Brass, 1¼ inch Moulding Hooks, Plain. " 5 50
No. 76, Wrought Burnished Brass, 1½ inch Moulding Hooks, Plain, " 5 50

Quarter gross in a box.

Picture Knobs.

Full Size Cut of Nos. 2 and 02.

No. 2, 1 inch, Porcelain, Plated Base, with long Screws for Pictures, per gross, $3 00
No. 02, 1 inch, Black wood, Plated Base, with long Screws for Pictures, " 3 00



Full Size Cut of No. 122.

Full Size Cut of No. 122½.

No. 122, 1 inch, Porcelain, Plated Base and Rose, with long Screws for Pictures, per gross, $3 90
No. 122½, 1 inch, Black Wood, Plated Base and Rose, with long Screws for Pictures, - - - - - - per gross, 3 90

Quarter gross in a box.

Porcelain Head Picture Nails.

With Slide Heads.

Full Size Cut of No. 9, 2½ Inch.

No. 9, 2, 2½ and 3 inch, White Porcelain Centre, Plain Brass Rim, per gross, $2 40

With Ruby Centres, same price.

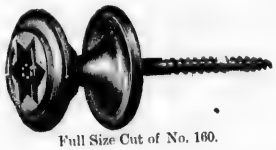
Quarter gross in a box.

Full Size Cuts of Nos. 105 to 107.

No. 105, 2½ inch, Ruby Star Glass Centre, Plain Rim, - - per gross, $5 25
No. 106, 2½ inch, Green Star Glass Centre, Plain Rim, - " 5 25
No. 107, 2½ inch, Blue Star Glass Centre, Plain Rim, - - " 5 25

Quarter gross in a box.

Patent Picture Screw Supports.



Full Size Cut of No. 160.

No. 160, 1½ inch Screw, Plain Rim and Base, Patent Screw support with Screw Soldered on, Silvered Glass Centre,	per gross,	$9 75
No. 161, 1½ inch Screw, Plain Rim and Base, Ruby Glass Centre,	"	9 75
No. 163, 1½ inch Screw, Plain Rim and Base, Blue Glass Centre,	"	9 75

Quarter gross in a box.

Brass Star Head Picture Nails.

Full Size Cut of 2½ Inch.

Inch,	1½	2	2½	3
Per gross,	$0 70	0 85	1 05	1 50

One gross in a box.

Chair Nails.

WITH STEEL SHANKS.

Gilt Heads. Gilt Heads. Porcelain Heads.

No. 43. No. 42. No. 3. No. 4. No. 6. No. 147-3. 147-4.

Nos.	43	42	3	4	6	147-3	147-4
Per thousand,	$1 05	1 30	2 70	2 55	1 95	0 80	0 80

Fancy Discs.

No. 137½.

No. 137½, Fancy Gilt Discs,	per thousand,	$0 70
No. 137½, Fancy Tin Discs,	"	0 70

One thousand in a box.

Drugget, or Crumb-Cloth Pin.

Full Size Cut of ⅝ Inch.

No. 201, ⅝ inch, Brass Head, with Steel Shank,	per gross,	$1 15
No. 201, ¾ inch, Brass Head, with Steel Shank,	"	1 45

One gross in a box.

Brass Escutcheon Pins.

¾ Inch.

Inch,	⅜	½	⅝	¾	⅞	1
Per pound,	$0 45	0 45	0 45	0 45	0 45	0 45

In one pound boxes or packages.

Brass Stair Rods.

Round.

Style of Nos. 2, 4, and ⅜ Inch.

No. 4, Wire Gauge.

Inch,	20	22	24	26	27	28	30
Per dozen,	$0 60	0 66	0 72	0 78	0 81	0 84	0 90

No. 2, Wire Gauge.

Inch,	24	26	27	28	30	32
Per dozen,	$0 95	1 00	1 05	1 10	1 20	1 30

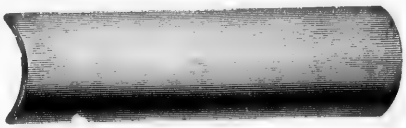
⅜ Inch.

Inch,	27	30	32	36	40
Per dozen,	$1 85	2 00	2 25	2 55	2 75

Three dozen in a package.

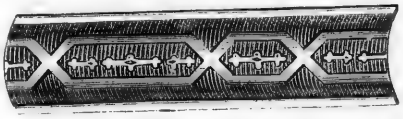
Brass Stair Rods.

Oval.



Plain.

Oval.



Figured.

Plain, $\frac{5}{8}$ Inch.

Inch,	20	22	24	26	27	28	30
Per dozen,	$1 20	1 30	1 45	1 55	1 65	1 70	1 85

Plain, $\frac{3}{4}$ Inch.

Inch,	24	26	27	28	30
Per dozen,	$1 55	1 75	1 80	1 90	2 00

Figured, $\frac{3}{4}$ Inch.

Inch,	24	26	27	28	30
Per dozen,	$2 50	2 65	2 70	2 85	3 00

Two dozen in a package.

Brass Stair Rod Fastenings.

Oval Rod Loops.

Plain.

Round Eyes.

Style of Nos. 1, 2 and $\frac{3}{8}$ Inch.

Oval Rod Bands.

Plain.

Patent Oval Rod Bands.

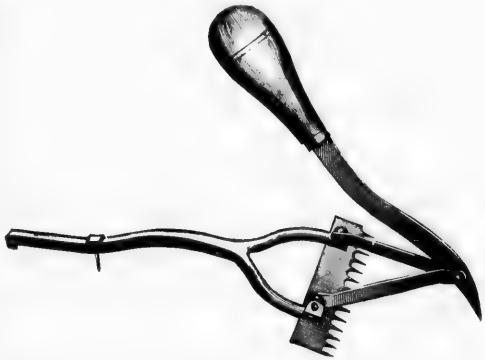
Figured.

Plain Brass, Oval Rod Loops, for $\frac{5}{8}$ and $\frac{3}{4}$ inch Rods,	per single gross,	$2 62
Plain Brass, Oval Rod Bands, for $\frac{5}{8}$ and $\frac{3}{4}$ inch Oval Rods,	"	2 62
Figured Brass, Oval Rod Bands, for $\frac{3}{4}$ inch Oval Rods,	"	2 62
No. 1, Cast Brass Stair Rod Eyes, for No. 4 W. G., Round Rods,	"	1 50
No. 2, Cast Brass Stair Rod Eyes, for No. 2 W. G., Round Rods,	"	1 65
$\frac{3}{8}$ inch, Cast Brass Stair Rod Eyes, for $\frac{3}{8}$ inch Round Rods,	"	4 05

Loops and Bands, one-sixth gross in a package; Eyes, one gross in a box.

Carpet Stretchers.

Bullard's.

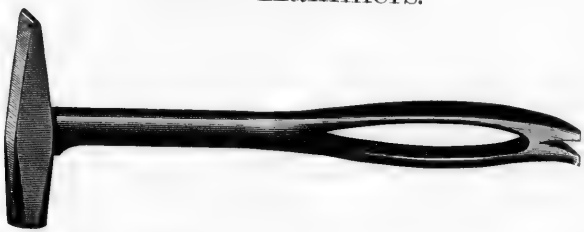


Smith's.

Smith's, Japanned, Malleable Frame, Polished Steel Blade, - per dozen, $2 10
Bullard's Patent (it holds the Carpet in position while the tacks are being driven), per dozen, 9 00

Half dozen in a box.

Tack Hammers.



No. 00, Japanned, all Iron, with Claw, - - - per dozen, $0 60

Nos. 12 and 25.

No. 12, Polished Hammer, Hickory Handle, with Claw, Heavy, per dozen, $1 35
No. 25, Polished Hammer, Hickory Handle, with Claw, Medium, " 1 10

One dozen in a box.

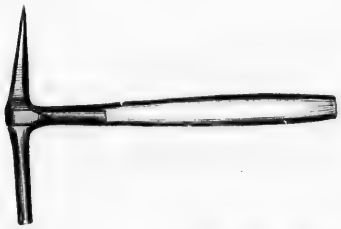
Tack Hammers.

No. 1, Centennial, Cast Steel Hammer, Full Polished Hickory Handle, with Claw, per dozen, $2 55

No. 2, Magnetic Hammer, Hickory Handle, with Steel Claw, - per dozen, $1 95

One dozen in a box.

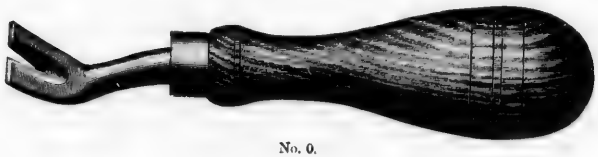
Upholsterers' Hammer.



No. 2, Cast Steel, White Hickory Handles, Varnished, Assorted, Faces $\frac{5}{16}$ and $\frac{3}{8}$ inch, - - - - - per dozen, $10 15

Half dozen in a box.

Tack Claws.



No. 0.

No. 0, Polished, Round Shank, Beech Handle, - - - per dozen, $1 10

One dozen in a box.

"Improved Jewel" Carpet Sweeper.

"Improved Jewel," Wood Top, Finely Finished, - - per dozen, $30 00

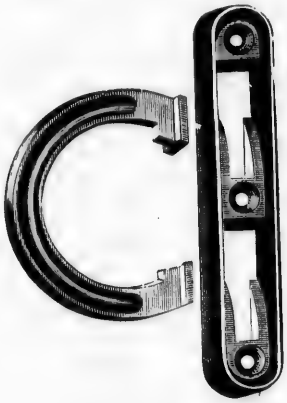
This is the most perfect medium priced sweeper in the market. It can be emptied and re-closed more quickly than any other.

Feather Dusters.

Turkey.

Nos.	10	11	12	13	14
Per dozen,	$9 90	11 80	14 20	16 50	18 45

Bedstead Fasteners.



Horse Shoe Pattern.

No. 2, Bedstead Fasteners, - - - - - per set, $0 12

Fifty sets in a case.

Plate Casters.

Full Size Cut of Nos. 3 and 13.

IRON HORN, IRON PLATE, COPPER BRONZED.

Iron Wheel.

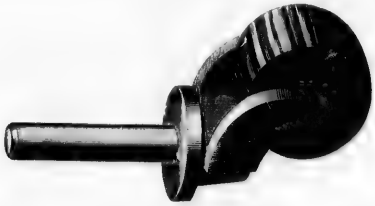
Nos.	1	2	3	4	5	6
Per set,	$0 10	0 11	0 12	0 15	0 17	0 20

Porcelain Wheel.

Nos.	11	12	13	14	15	16
Per set,	$0 12	0 14	0 16	0 18	0 20	0 24

Six sets in a box.

Philadelphia Pattern Plate Casters.



Full Size Cut of No. 623.

IRON HORN, COPPER BRONZED.

Iron Wheel.

Nos.	601	602	603	604	605	606
Per set,	$0 11	0 12	0 13	0 15	0 16	0 18

Porcelain Wheel.

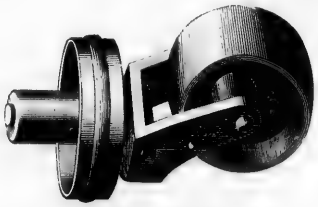
Nos.	611	612	613	614	615	616
Per set,	$0 14	0 15	0 17	0 19	0 20	0 22

Lignum Vitæ Wheel.

Nos.	621	622	623	624	625	626
Per set,	$0 16	0 17	0 19	0 22	0 23	0 26

Six sets in a box.

Round Shallow Socket Casters.



Full Size Cut of 1¼ Inch.

BRASS HORN, BRASS SOCKET.

No. 8, Brass Wheel.

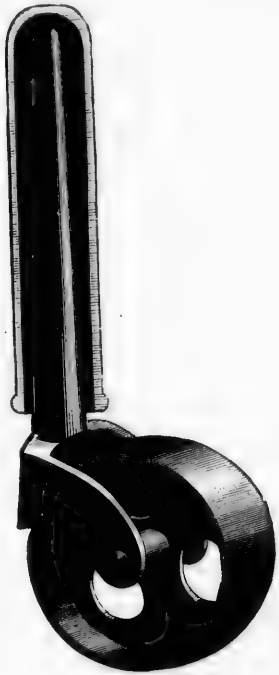
Diameter of socket,	$\frac{7}{8}$	1	$1\frac{1}{8}$	$1\frac{1}{4}$	$1\frac{3}{8}$	$1\frac{1}{2}$ inches.
Per set,	$0 40	0 54	0 70	0 87	0 95	1 15

No. 9, Porcelain Wheel.

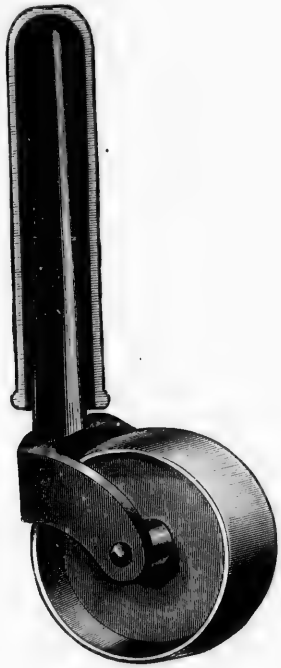
Diameter of socket,	$\frac{7}{8}$	1	$1\frac{1}{8}$	$1\frac{1}{4}$	$1\frac{3}{8}$	$1\frac{1}{2}$ inches.
Per set,	$0 33	0 40	0 55	0 65	0 72	0 85

Six sets in a box.

Bedstead Casters.



Full Size Cut of No. 404.



Full Size Cut of No. 414.

COPPER BRONZED.

With Iron Wheel.

Nos.	401	402	404	405
Trade numbers,	$1\frac{5}{8}$ in., No. 1.	$1\frac{5}{8}$ in., No. 2.	2 in., No. 1.	2 in., No. 2.
Per set,	$0 11	0 12	0 16	0 18

With Porcelain Wheel.

Nos.	411	412	414	415
Trade numbers,	$1\frac{5}{8}$ in., No. 1.	$1\frac{5}{8}$ in., No. 2.	2 in., No. 1.	2 in., No. 2.
Per set,	$0 16	0 17	0 22	0 24

Nos. 401, 402, 411 *and* 412, *six sets in a box or package; Nos.* 404, 405, 414 *and* 415, *four sets.*

405
in., No. 2.
0 18

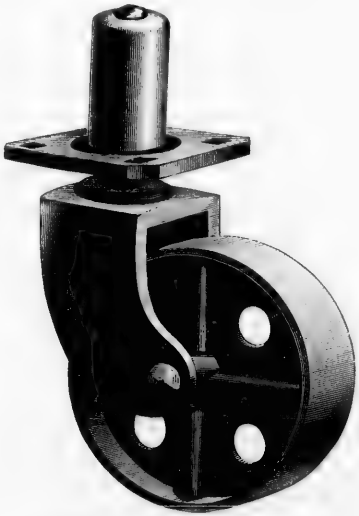
415
2 in., No. 2.
0 24

four sets.

Store Truck Casters.

Noiseless Turned Wheel.

No. 845, Stationary, Japanned, Diameter of Wheel, 4½ inch, - each, $0 77



Noiseless Turned Wheel.

No. 855, Swivel, Japanned, meter of Wheel. 4½ inch, - each, $1 10

Sofa and Chair Springs.

Coppered Steel Wire Sofa and Chair Springs,	per pound,	$0 09

Packed in barrels.

Chair Webbing.

No. 009, $1\frac{7}{8}$ inch wide,	per gross,	$1 80
No. 0010, 2 inch wide,	"	1 90

Half gross in a package.

Needles.

Packing Needles.

Inch,	3	$3\frac{1}{2}$	4	$4\frac{1}{2}$	5	$5\frac{1}{2}$	6
Per gross,	$1 50	1 65	1 80	2 10	2 25	2 40	2 55

Quarter gross in a package.

Upholsterers' Needles—Double Point.

Inch,	8	10	12	14
Per dozen,	$0 50	0 60	0 70	0 80

One dozen in a package.

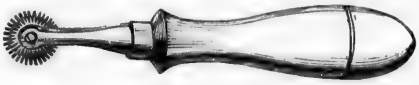
Knitting Pins.

Tapered Point.

Nos.	10	11	12	13	14	15	16	18
Per gross,	$1 20	1 10	1 00	0 88	0 80	0 72	0 64	0 55

Half gross in a package.

Tracing Wheels.



No. 950½, Black Handles, - - - - per dozen, $1 05

One dozen in a box.

Pinking Irons.

Diamond.

Oval Pattern, Scollop or Diamond Teeth.

Inch,	3/8	1/2	5/8	3/4	7/8	1
Per dozen,	$1 50	1 50	1 50	1 50	1 50	1 50

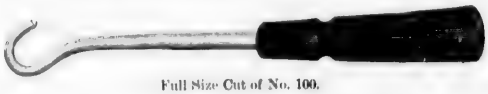
One dozen in a box.

Curling Tongs.

No. 1, Rosewood Handles, Polished,	per dozen,	$6 00
No. 2 Rosewood Handles, Polished,	"	5 25
No. 3, Rosewood Handles, Polished,	"	4 50

One dozen in a box.

Button Hooks.



Full Size Cut of No. 100.

Full Size Cut of No. 600.

Ebonized Handles.

Nos.	100	600	700
Per gross,	$1 20	8 25	11 25

No. 100, one gross in a box; Nos. 600 and 700, twelfth gross.

Key Rings.

No. 5.

No. 2874.

No. 90.

No. 5070, Round, Soft, Good Quality, Assorted Sizes,	per gross,	$2 10
No. 2874, Crocus Polish, Assorted Sizes,	"	9 00
No. 90, Triangle, Open Spring, Extra Quality, Assorted Sizes,	"	6 30

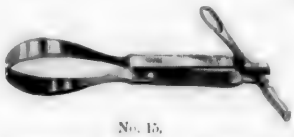
One dozen on a card.

M. & L. Samuel, Benjamin & Co.

Steel Tweezers.

On Cards.

No. 10.



No. 15.

No. 10, Steel Tweezers, Oval Back, Nickel-Plated, Assorted, - per dozen, $0 80
No. 15, Clark's Combination Tweezers and Watch Key, Nickel-Plated, Assorted, per dozen, $1 90

One dozen on a card.

Spectacles.

Half Size Cut.

No. 3264, Spectacles, Convex, Blued-Steel Frame, One Screw, - per dozen, $2 60
No. 3266, Spectacles, Convex, Blued-Steel Frame, Tempered Bows, One Screw, per dozen, 3 15

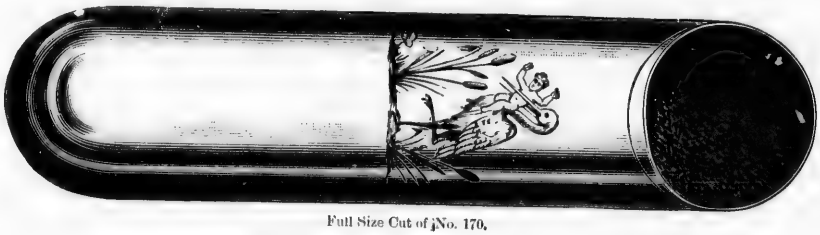
One dozen in a box

Goggles.

No. 4340, Wire Goggles, Clear Glass, - - per dozen, $1 13
No. 4240, Wire Goggles, Assorted Color Glasses, - " 1 13
No. 4340, All Wire Goggles, - - - " 0 85

One dozen in a box.

Spectacle Cases.

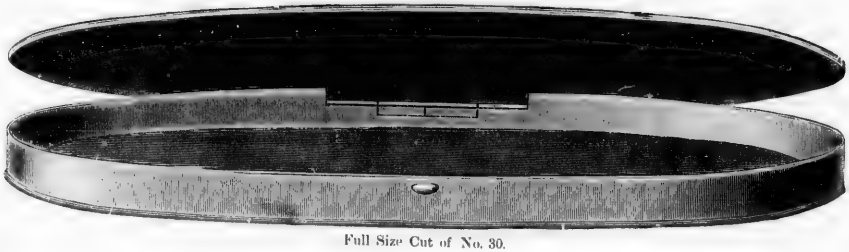


Full Size Cut of No. 170.

No. 170, 6 inch, Polished Tin Spectacle Cases, - - per dozen, $1 65

One dozen in a box.

Spectacle Cases.



Full Size Cut of No. 30.

No. 30, 6 inch, Polished Tin Spectacle Cases, - - per dozen, $1 65

One dozen in a box.

CUTLERY.

We carry a large stock of

Joseph Rodgers & Sons'

Pocket and Pen Knives,
Table and Dessert Knives and Forks,
Table and Dessert Knives only,
Putty Knives,
Carvers,
Butcher and Table Steels,
and Scissors of all kinds.

Butcher Knives,
Sticking Knives,
Skinning Knives,
Ham Slicers,
Farriers' Knives,
Fleams,

Wm. Thomas Staniforth's

Pocket and Pen Knives
And Scissors.

WE CONTROL STANIFORTH'S GOODS FOR CANADA.

Hudson Cutlery Co.'s

Pocket Knives.

THIS IS THE BEST VALUE MEDIUM PRICED CUTLERY IN CANADA.

AMERICAN TABLE AND DESSERT CUTLERY.

CANADIAN TABLE AND DESSERT CUTLERY.

John Russell Cutlery Co.'s

Electro-Plated Medium and Dessert Knives.
Pallet Knives,
Putty Knives,
Shoe Knives, Etc.

WADE & BUTCHER'S RAZORS,

BENGALL RAZORS.

OUR TRAVELLERS CARRY SAMPLES OF ALL THE ABOVE LINES.

Shoe Knives.

JOHN RUSSELL CUTLERY CO.

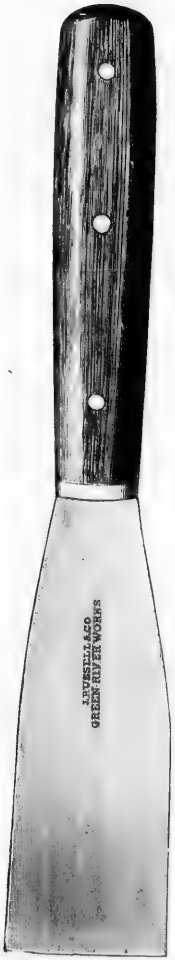
No. 20, Square Point.

No. 15, Square Point.

No. 20, Shoe Knives, Black Handles, Square Point, - -	per dozen,	$1 50
No. 20. Shoe Knives, Black Handles, Round Point, -	"	1 50
No. 15, Diamond Shoe Knives, Applewood Handles, Brass Bolster, Square Point, - - - - - -	per dozen,	3 60

One dozen in a box.

Putty Knives.



No. 150, Square Point.

Full Size Cut of 2107. Scraping.

No. 150, Putty Knives, Cocoa Swell Handles, with Bolster, Square Point, per doz.,	$3	00
No. 150, Putty Knives, Cocoa Swell Handles, with Bolster, Clipped Point, per doz.,	3	00
No. 150, Putty Knives, Cocoa Swell Handles, with Bolster, Round Point, per doz.,	3	00
No. 2107, Wide Putty Knife, Solid Steel Bolster, Cocoa Full Handle, per dozen,	7	50
No. 1, Hacking Knives, Leather Handle, Three Rivets, - - per dozen,	6	15

One dozen in a box.

Pallet Knives. Butcher Knives.

JOHN RUSSELL CUTLERY CO.

No. 125.

No. 130.

Pallet Knives—Cocoa Handle, with Bolster.

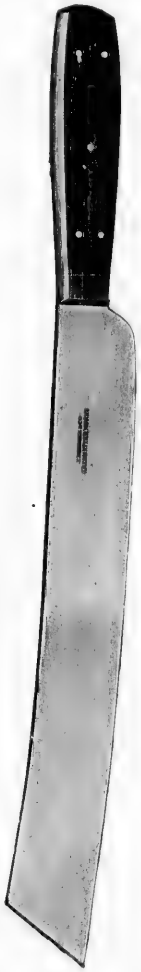
Inch,	4	6	8	10
Per dozen,	$3 75	5 60	9 00	13 50

Butcher Knives.

No. 125, 6 inch, Cast Steel Blade, Cocoa Handle, - - per dozen, $1 95
No. 130, 6 inch, Cast Steel Blade, Cocoa Handle, with Bolster, - " 2 00

One dozen in a box.

Cheese Knives.



Butter Spades.

No. 015, 12 inch Cheese Knife, Tinned Blade, Cocoa Handle, - per dozen, $14 25

Half dozen in a box.

Tinned Butter Spades, - - - - - per dozen, $12 00

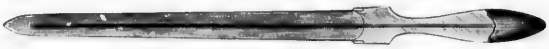
We have a cheaper one which is not illustrated.

Oyster Knives.

Boston Pattern, Hammered Steel Blade, - - - per dozen, $2 00

One dozen in a box.

Emery Steels.

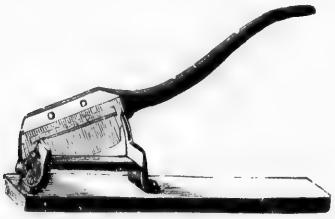


Carver's Friend.

Carver's Friend Emery Steels, Varnished Birch Handle, Nickel Plated Bolster, per dozen, $3 00

One dozen in a box.

Tobacco Shaves or Cutters.



Holmes' Pattern.

No. 1, Wood Bottom, - - - - per dozen, $9 00

Quarter dozen in a package.

Henry Seymour Cutlery Co.'s Shears.

Straight Trimmers.

Maroon Japanned Handles, Nickel-Plated Blades.

Inch,	6	6½	7	7½	8	8½	9	10	11	12
Per doz.,	$12 00	13 00	14 00	15 00	16 00	17 00	19 00	25 00	30 00	33 00

Bent Trimmers.

Maroon Japanned Handles, Nickel-Plated Blades.

Inch,	10	11	12	13
Per dozen,	$27 00	30 00	33 00	36 00

Half dozen in a box.

Tailors' Shears.

Maroon Japanned Handles, with Long Polished Blades, for Custom Work.

No.	6	7	8
Inch,	15	15½	16
Each,	$12 00	13 00	14 00

One pair in a package.

Henry Seymour Cutlery Co.'s Shears.

Barbers' Scissors.

Lipped.

Inch,		8½	9
Maroon Japanned Handles, Polished Blades,	per dozen,	$17 00	18 00
Nickel-Plated Handles and Blades,	"	23 50	24 50

Half dozen in a box.

Bennett & Wetmore's Shears.

Straight Trimmers.

Maroon Japanned Handles, Polished Blades.

Inch,	6	6½	7	7½	8	8½	9	10
Per dozen,	$12 00	13 00	14 00	15 00	16 00	17 00	19 00	25 00

Nickel-Plated Handles and Blades.

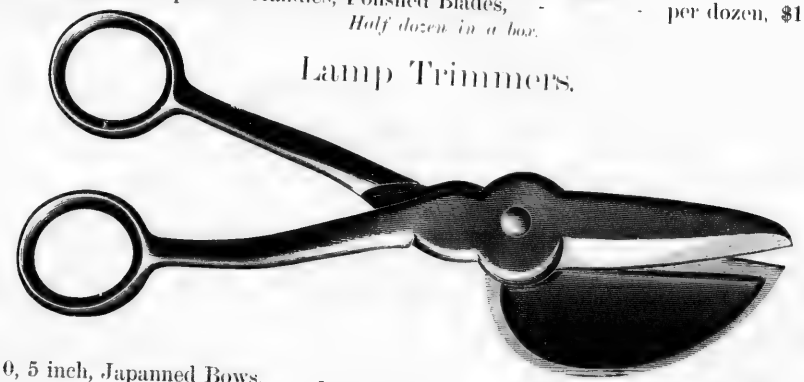
Inch,	6	6½	7	7½	8	8½	9	10
Per dozen,	$12 00	13 00	14 00	15 00	16 00	17 00	19 00	20 00

"Boker's" Paper Shears.

No. 325, 12 inch, Japanned Handles, Polished Blades, - - per dozen, $17 00

Half dozen in a box.

Lamp Trimmers.



No. 0, 5 inch, Japanned Bows, - - - - per dozen, $1 00

One dozen in a box.

Tinned Iron Tea and Table Spoons.

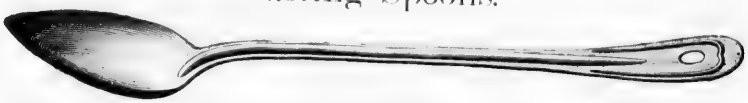
Style of Nos. 97B and 12aa.

Style of Nos. B and 15a.

No. B,	Tea Spoons, Patent Threaded, Solid, Retinned, Medium,	per gross,	$1 70
No. 15a,	Tea Spoons, Patent Threaded, Solid, Retinned, Heavy,	"	2 00
No. 97B,	Table Spoons, Patent Threaded, Solid, Retinned, Medium,	"	3 75
No. 12aa,	Table Spoons, Patent Threaded, Solid, Retinned, Heavy,	"	4 50

Half gross in a box.

Basting Spoons.

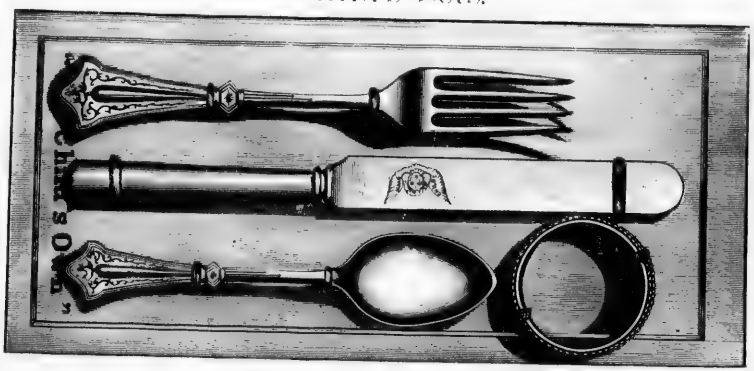


Tinned Iron, Threaded Basting Spoons.

Inch,	10	12	14	16
Per dozen,	$1 35	1 55	1 75	2 00

One dozen in a package.

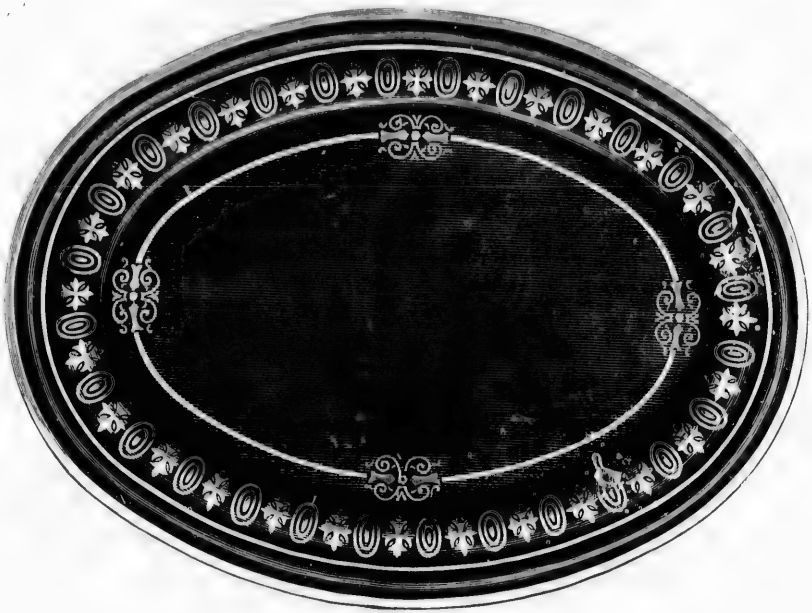
Child's Sets.



The above illustrations are to draw attention to this class of goods.

Our Travellers carry a full line of Samples of Tinned Iron, Tinned Steel, Britannia Metal, Nickel Silver and Electro-Plated Tea, Dessert, Table, Salt, Mustard and Egg Spoons, Dessert and Table Forks, Pickle and Flesh Forks, Butter Knives, Bone Mustard and Egg Spoons, Child's Sets, Tinned Steel Ladles, Basting Spoons, etc., etc.

Tea Trays.



No. 2700

Wire Strengthened, Japanned with Gilt Borders.

Inch,	12	14	16	18	20	22	24	26	28
Per dozen,	$2 40	3 15	3 90	4 65	5 40	6 90	8 40	9 90	11 40

Quarter dozen in a package.

M. S. L. Smith, Hinsdale & Co.

Tea Trays.

No. 2755.

Wire Strengthened, Japanned with Gilt Centre and Border.

Inch,	12	14	16	18	20	22	24	26	28
Per dozen,	$2 75	3 50	4 25	5 00	5 75	7 25	8 75	10 25	11 75

Quarter dozen in a package.

Tea Trays.

No. 10568.

Wire Strengthened, Japanned with Gilt Centre and Border.

Inch,	12	14	16	18	20	22	24	26	28
Per dozen,	$3 25	4 00	4 75	5 50	6 25	7 75	9 25	10 75	12 25

Quarter dozen in a package.

Tea Trays.

Best Quality and Beautifully Finished.

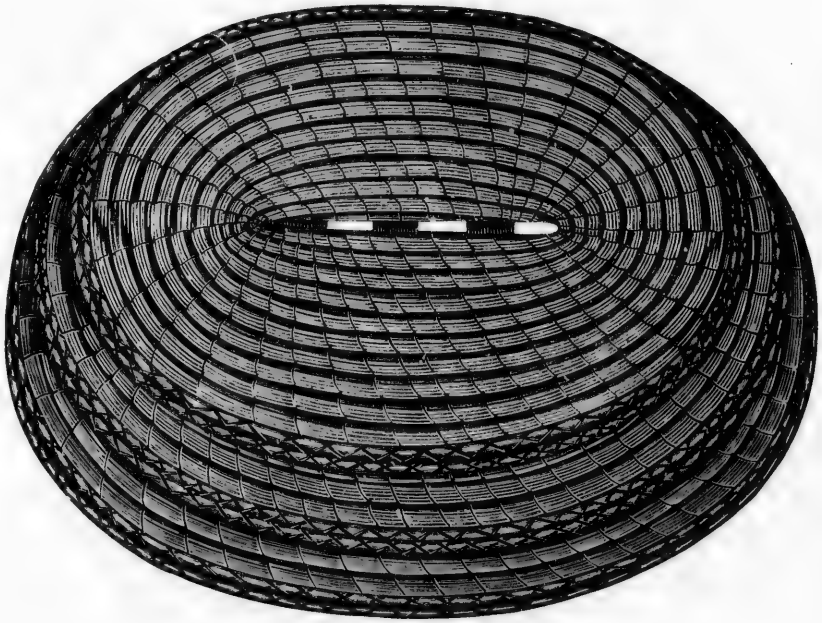
No. 6311.

Wire Strengthened, Heavily Japanned, with Gilt Ornamentations.

Inch,	12	14	16	18	20	22	24	26	28
Per dozen,	$6 60	7 75	9 00	10 90	12 60	14 40	16 20	19 15	21 55

Quarter dozen in a package

Table Mats.



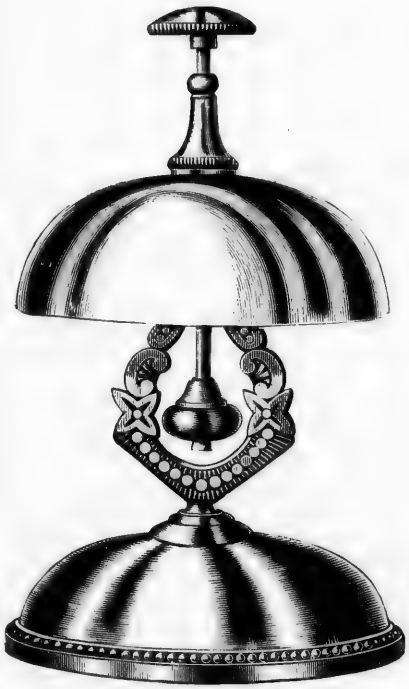
Half Size Cut.

Coarse Grass Table Mats, - - - -	per set of 6 Mats,	$0 60
Fine Grass Table Mats, - -	" "	0 90

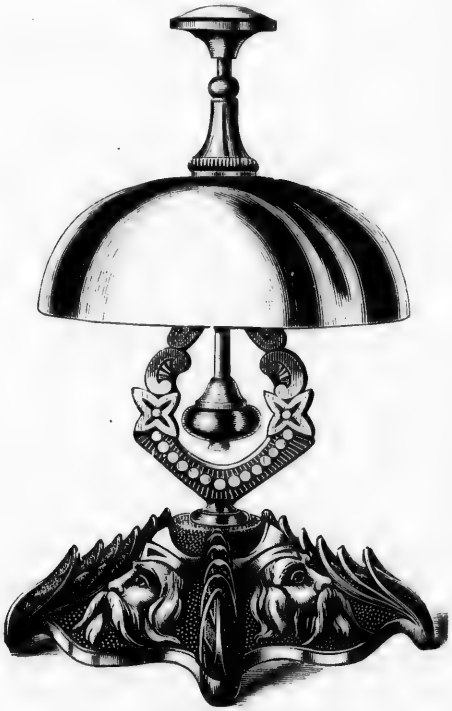
One set in a bundle.

Mats, $0 60
0 90

Call Bells.



Full Size Cut of No. 470.

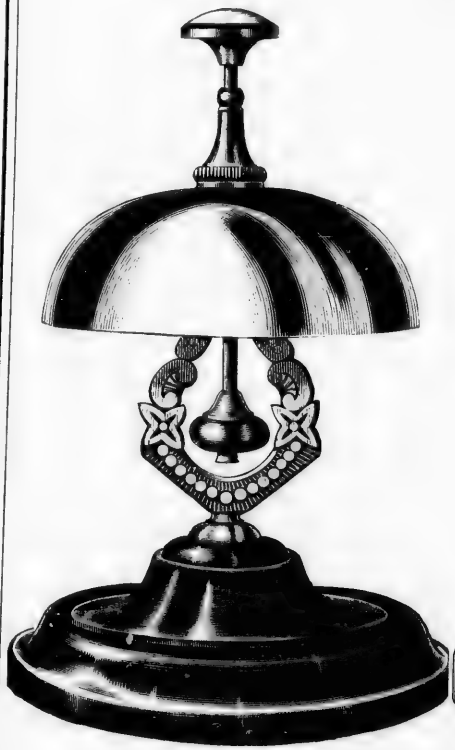


Full Size Cut of No. 490.

No. 470, Polished White Metal Gong and Base, - - per dozen, $10 15
No. 490, Polished White Metal Gong, Fancy Brass Base, - " 15 00

Quarter gross in a box.

Call Bells.



Full Size Cut of No. 041.

Full Size Cut of No. 040.

No. 041, Polished White Metal Gong, Black Composition Base, -	per dozen,	$12 00
No. 040, Polished White Metal Gong, White Composition Base,	"	12 75

Quarter dozen in a box.

en, $12 00
12 75

Call Bells.

Full Size Cut of No. 780.

No. 780, Polished White Metal Gong and Base, - - per dozen, $12 00

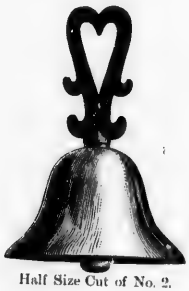
Full Size Cut of No. 840.

No. 840, Polished White Metal Gong, Fancy Brass Base, - per dozen, $14 25

Quarter dozen in a box.

Tea Bells.

Full Size Cut of No. 170.



Half Size Cut of No. 2.

Full Size Cut of No. 124.

No. 170, Polished White Metal Bell, Ebony Handle, - per dozen, $5 25

No 124, Polished White Metal Bell, White Porcelain Handle with White Metal Tip, - - - - - - per dozen, 6 75

No. 2, White Metal Bell, Japanned Iron Handle, - - " 2 10

Half dozen in a box.

o. 124.

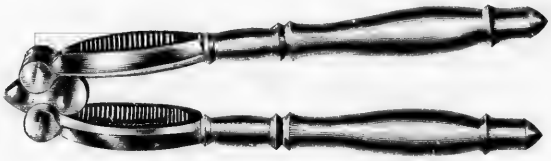
dozen, $5 25
Metal
lozen, 6 75
' 2 10

Nut Crackers.

Third Size Cut of No. 2.

No. 2, Table Nut Cracker, German Pattern, Polished Steel, - per dozen, $2 55

One dozen in a box.



Three-quarters Size Cut of No. 331.

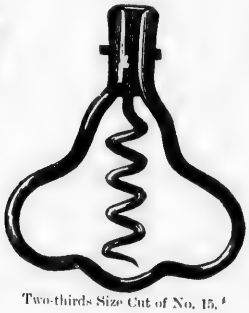
No. 216, Cast Steel, Table Nut Cracker, Nickel-Plated, - - per dozen, $5 00
No. 331, Cast Steel, Table Nut Cracker, Heavily Silver-Plated, " 12 00

Half dozen in a box or package.

Corkscrews.

Half Size Cut of No. 1028.

Full Size Cut of No. 9943.



Two-thirds Size Cut of No. 15.

Half Size Cut of No. 1032.

No. 1028,	Cast Steel, Metal Ring Handle, Corkscrew, Bronzed,	per dozen,	$2 40
No. 9943,	Cast Steel, Ice Pick and Corkscrew, all Steel, Polished,	"	1 80
No. 15,	"Delmonico," Cast Steel, Pocket Corkscrew, Nickel-Plated,	"	2 40
No. 1030,	Cast Steel, Pocket Corkscrew, Polished,	"	0 90
No. 1031,	Cast Steel, Pocket Corkscrew, Polished,	"	1 20
No. 1032,	Cast Steel, Pocket Corkscrew, Polished,	"	1 35
No. 1033,	Cast Steel, Pocket Corkscrew, Polished,	"	1 75

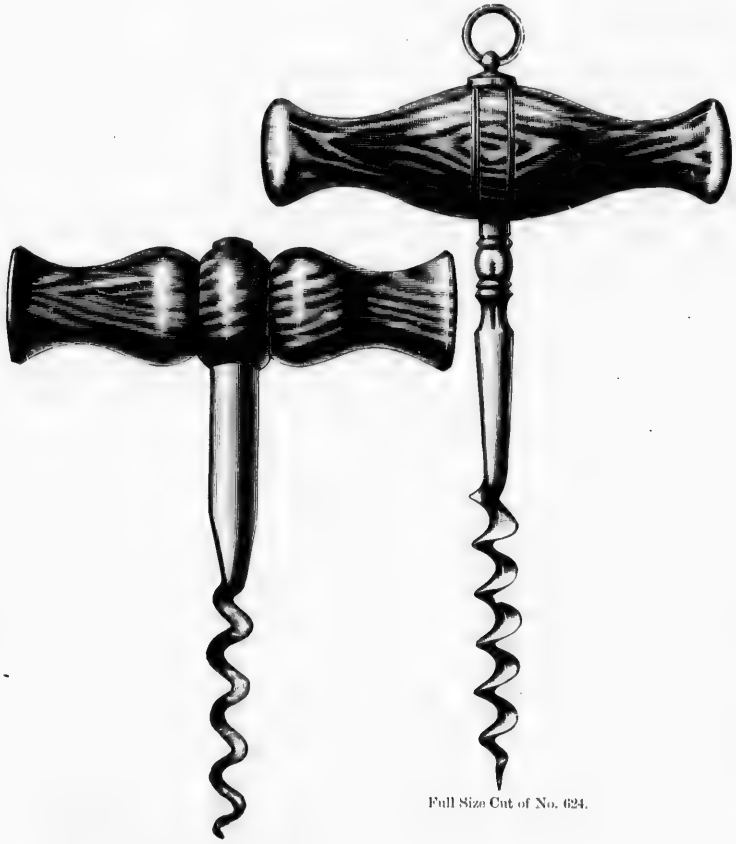
One dozen in a box or package.

ze Cut of No. 15.

t of No. 1032.

dozen,	$2 40
	1 80
	2 40
	0 90
	1 20
	1 35
	1 75

Corkscrews.



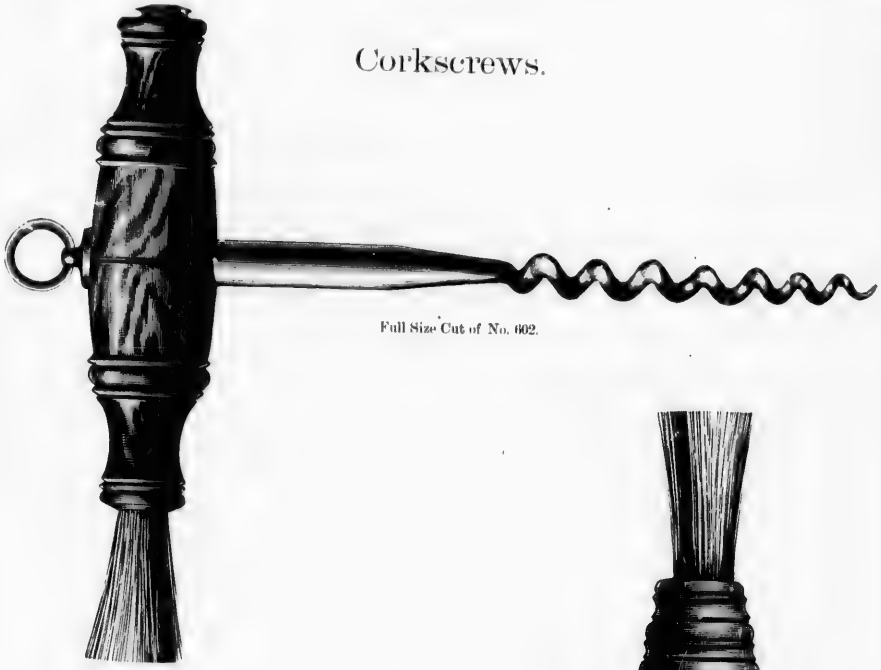
Full Size Cut of No. 624.

Full Size Cut of No. 150.

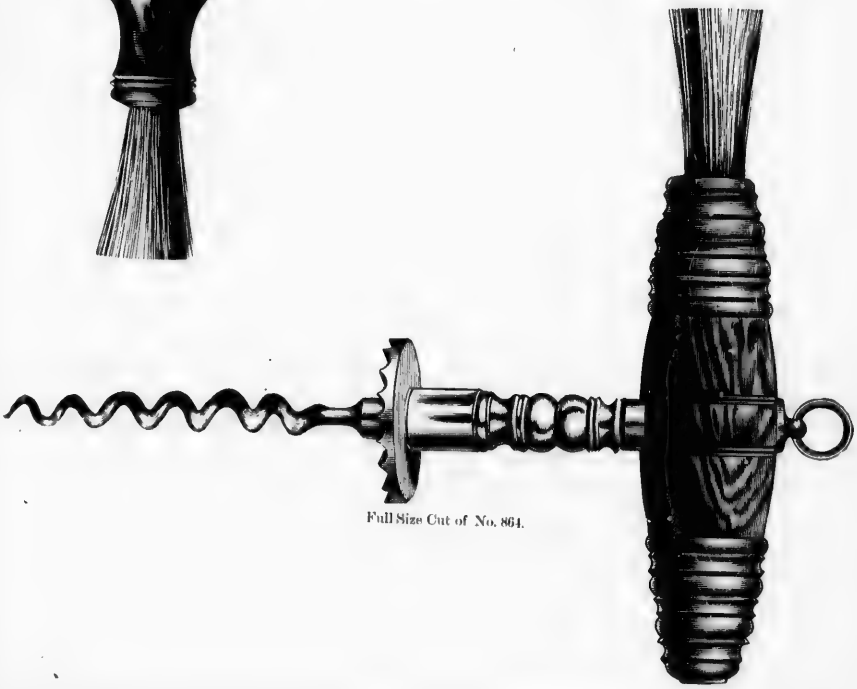
No. 150, Hand-forged Cast Steel, Applewood Handle,	per dozen,	$2 50
No. 624, Hand-forged Cast Steel, Varnished Wood Handle,	"	3 00

One dozen in a box or package.

Corkscrews.



Full Size Cut of No. 602.



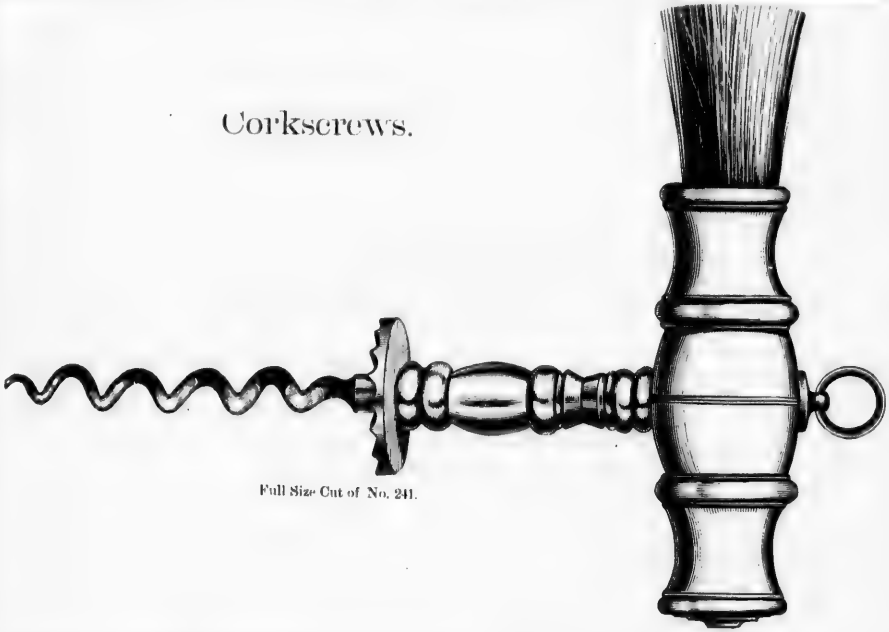
Full Size Cut of No. 864.

No. 602, Hand-forged Cast Steel, Varnished Wood Handle, with Brush, per doz., $3 00
No. 864, Hand-forged Cast Steel, Varnished Wood Handle, with Brush, " 4 10

One dozen in a box or package.

doz., $3 00
4 10

Corkscrews.



Full Size Cut of No. 241.

No. 241, Hand-forged Cast Steel, White Bone Handle, with Brush, per dozen, $6 00

One dozen in a box or package.

Half Size Cut of No. 5.

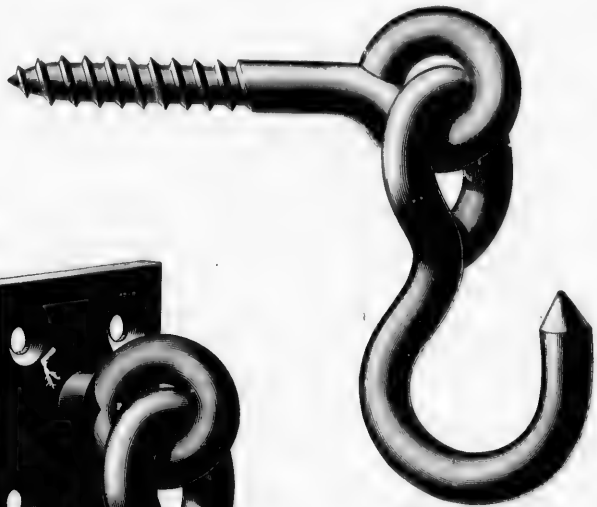
Half Size Cut of No. 655.

No. 5, Cast Steel, Varnished Wood Handle, with Brush, - per dozen, $1 50
No. 655, Cast Steel, Varnished Wood Handle, - - - " 1 20

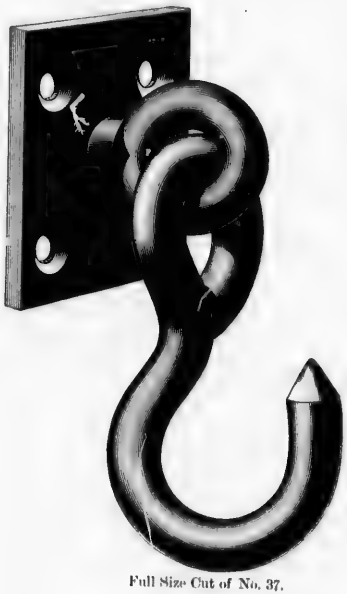
One dozen in a box or package.

Wrought Hammock Hooks.

Wrought Iron, 3-8 Inch Diameter.



Full Size Cut of No. 47.



Full Size Cut of No. 37.

With Plate.

No. 37, Galvanized, $\frac{3}{8}$ inch, - - - - per dozen, $2 70

With Screw.

No. 47, Galvanized, $\frac{3}{8}$ inch, - - - per dozen, $2 40

One dozen in a box.

ozen, $2 70

ozen, $2 40

Tinned Wrought Iron Meat Hooks.

To Drive.

Full Size Cut of No. 13.

Nos.	13	14	15
Per gross,	$2 70	4 15	5 25

Quarter gross in a box.

To Nail.

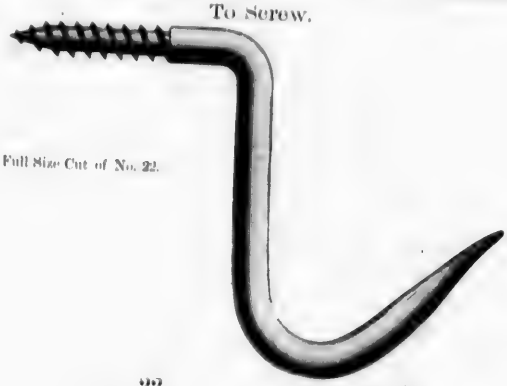
Full Size Cut of No. 33.

Nos.	33	34
Per gross,	$3 15	3 90

Quarter gross in a box.

Tinned Wrought Iron Meat Hooks.

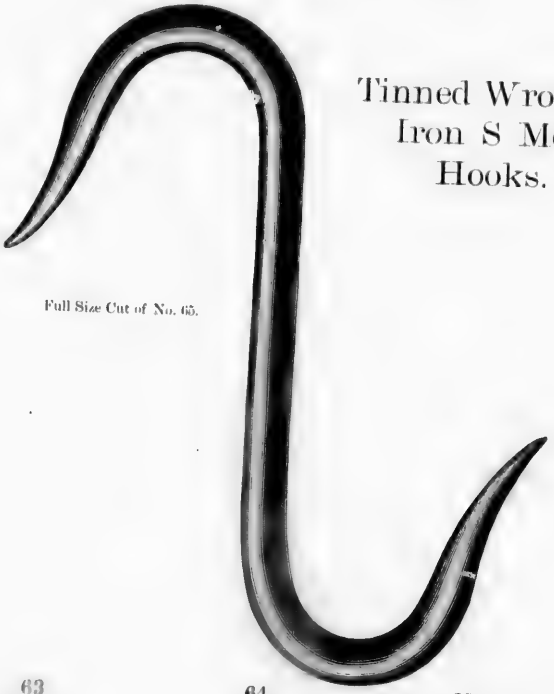
To Screw.



Full Size Cut of No. 22.

Nos.	22	23	24
Per gross,	$3 25	5 00	6 15

Tinned Wrought Iron S Meat Hooks.



Full Size Cut of No. 65.

Nos.	63	64	65	66
Size,	$3 \times \frac{3}{16}$	$4 \times \frac{1}{4}$	$5 \times \frac{5}{16}$	$6 \times \frac{3}{8}$
Per gross,	$2 65	2 85	5 60	7 50

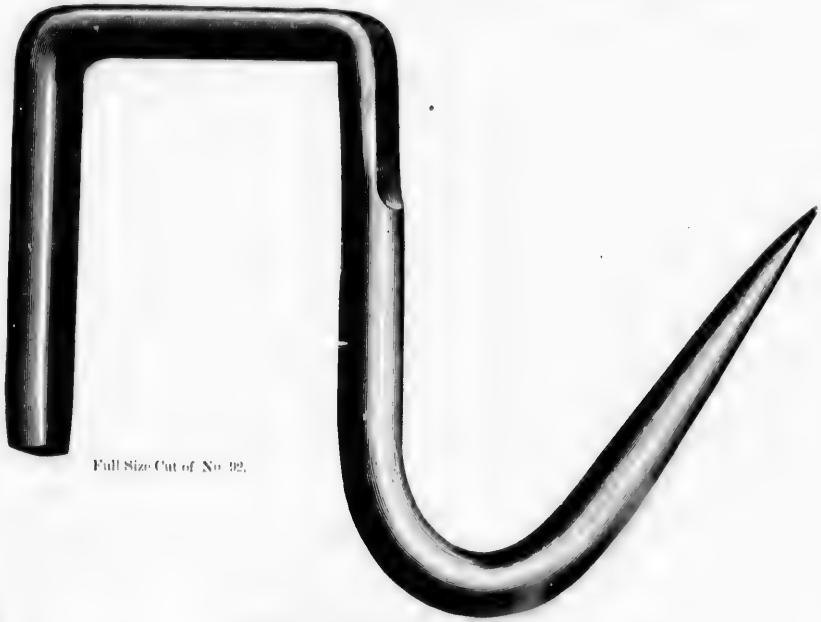
Quarter gross in a box.

24
6 15

ht

66
6x⅜
7 50

Tinned Wrought Iron Bar Meat Hooks.



Full Size Cut of No. 92.

Made to Slide on a 2 inch Bar.

No. 92. Tinned Bar Meat Hooks, - - - - per gross, $14 25

Quarter gross in a box or package.

Tenter Hooks.

Two-thirds Size Cut of No. 102.

No. 102, 1¼ inch, Machine-made, Tinned, - - - per thousand, $1 65

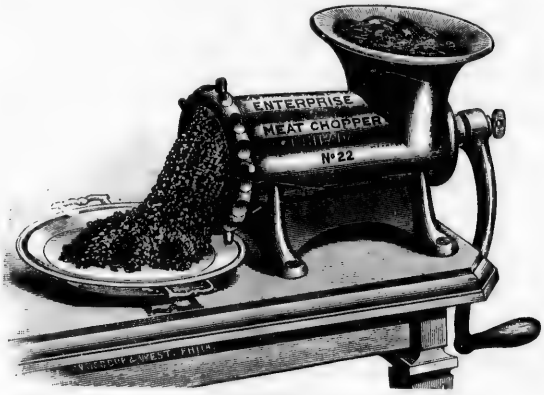
One thousand in a package.

Enterprise Meat Chopper.

Chops exactly as shown.

No. 10, Family Size, Galvanized, with Screw Clamp Attachment, cuts one pound per minute, - - - - - each, $3 00

Extra Plates, 50 cents each. Extra Blades, 25 cents each.



No. 22.

No. 12, Family Size, Galvanized, Screws to Table, cuts 1 pound per minute, each, $2 50
No. 22, Large Family Size, Galvanized, Screws to Table, cuts 2 pounds per minute, - - - - - - each, 4 00
No. 32, Hotel Size, Galvanized, Screws to Table, cuts 3 pounds per minute, " 6 00

Extra Plates for No. 12, 50 cents each. Extra Blades, 25 cents each.
Extra Plates for No. 22, 75 cents each. Extra Blades, 40 cents each.
Extra Plates for No. 32, $1.00 each. Extra Blades, 50 cents each.

Half dozen in a box.

Sausage Stuffer, Fruit, Lard and Jelly Press Combined.

No. 5, 2 Quart, Japanned, Rack Movement,	each,	$2 50
No. 25, 4 Quart, Japanned, Screw Movement,	"	4 00
No. 35, 8 Quart, Japanned, Screw Movement,	"	6 00

One in a case.

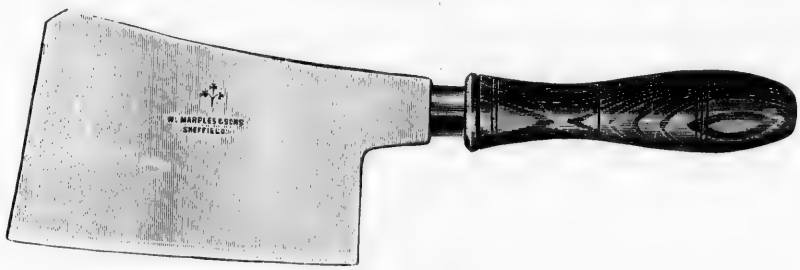
Perry's Patent Sausage Filler.

No. 0, Butcher Size,	per dozen,	$21 00
No. 1, Family Size,	"	15 00

Half dozen in a case.

Butchers' Cleavers.

Henry's.



Nos.	1	2	3	4	5	6
Inch Cut,	6	6½	7	7½	8	8½
Per dozen,	18 25	9 15	9 75	11 25	12 60	14 65

American.

Nos.	3	4
Inch Cut,	10	11
Per dozen,	$27 00	31 00

Mincing Knives.

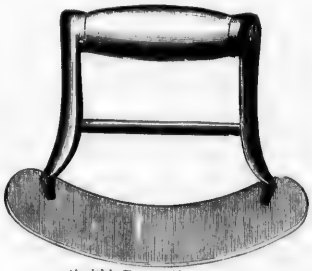
No. 9.

No. 10.

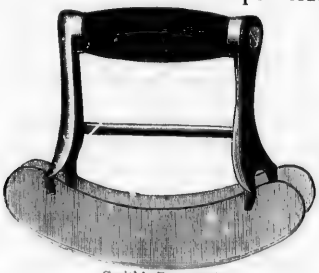
No. 9, Cast Steel, Single Blade, Polished, Wood Handle, - per dozen, $1 05
No. 10, Cast Steel, Double Blade, Polished, Wood Handle, " 2 00

No. 5.

No. 5, Extra Cast Steel, Forged Blade, Polished, Japanned Iron Handle, per dozen, $2 55



Smith's Patent No. 1.

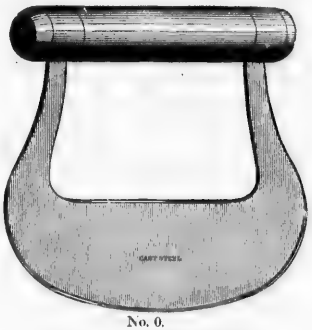


Smith's Patent No. 2.

No. 1, Smith's Patent, Extra Cast Steel, Single Blade, Polished, Wood Handle, per dozen, $2 60
No. 2, Smith's Patent, Extra Cast Steel, Double Blade, Polished, Wood Handle, per dozen, 3 75

One dozen in a box.

Mincing Knives.



No. 0.

No. 0, Extra Cast Steel, Forged Blade, Polished, Wood Handle, - per dozen, $5 50

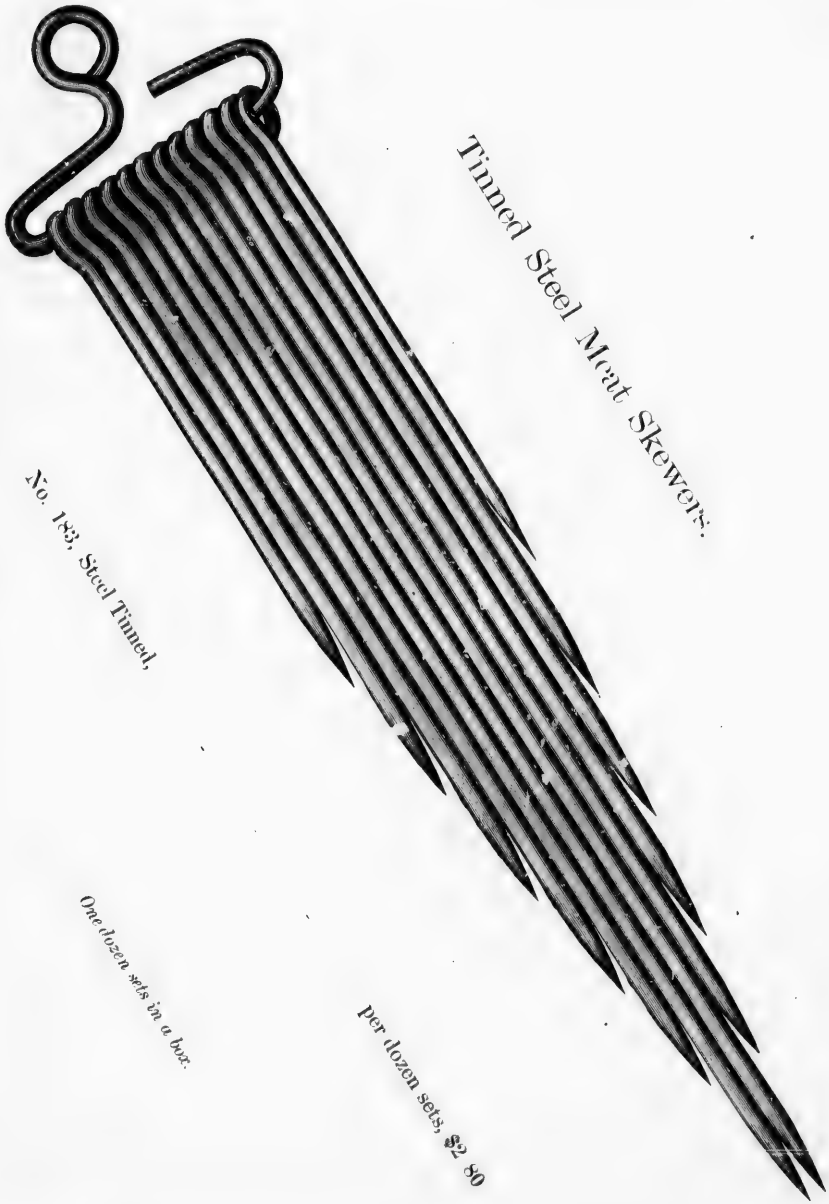
No. 2.

No. 2, Extra Cast Steel, Forged Blade, Polished, Wood Handle, - per dozen, $6 00

One dozen in a box.

r dozen, $5 50

r dozen, $6 00



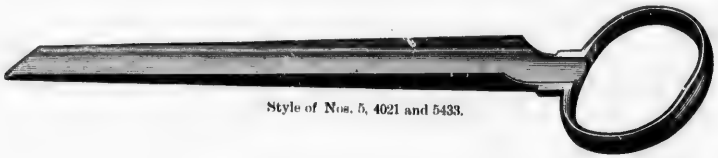
Tinned Steel Meat Skewers.

No. 183, Steel Tinned,

One dozen sets in a box.

per dozen sets, $2 80

Butter Triers.



Style of Nos. 5, 4021 and 5433.

Cast Steel and Nickel-Plated.

No. 5,	24 inch, Polished Steel, Tapers from $\frac{5}{8}$ to $\frac{1}{2}$ inch, -	per dozen,	$12 75
No. 1174,	24 inch, Polished Steel, wood T head, Tapers from $1\frac{1}{4}$ to $\frac{3}{4}$ inch,	"	31 25
No. 4021,	21 inch, Solid Cast Steel, Nickel-Plated, Tapers from 1 to $\frac{5}{8}$ inch,	per dozen,	31 50
No. 5433,	21 inch, Solid Cast Steel, Nickel-Plated, Tapers from $1\frac{1}{4}$ to $\frac{5}{8}$ inch,	per dozen,	75 00

Half dozen in a box or package.

Paste Jaggers.

Full Size Cut.

Brass Paste Jaggers, - - - - - per dozen, $1 70

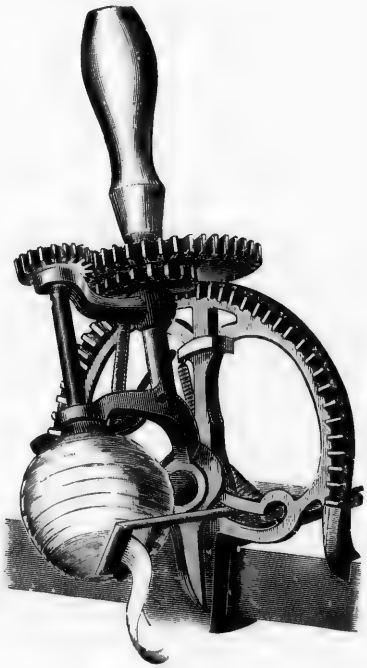
One dozen in a box.

dozen, $12 75
' 31 25
inch,
dozen, 31 50
inch,
dozen, 75 00

dozen, $1 70

Apple Parers.

Improved Lightning.

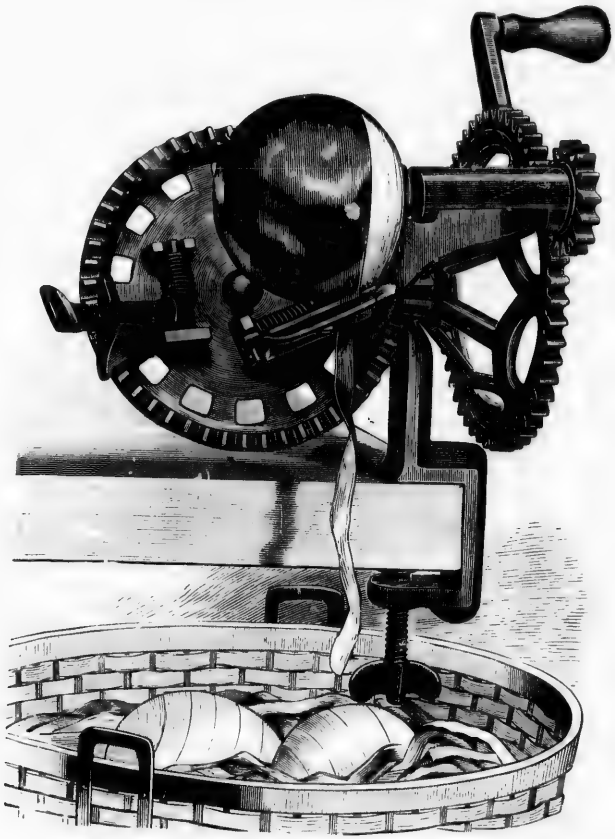


Improved Lightning Apple Parers, with Push-off, - - per dozen, $12 00

One dozen in a box.

Apple Parers.

Hudson's Rocking Table, 1882.



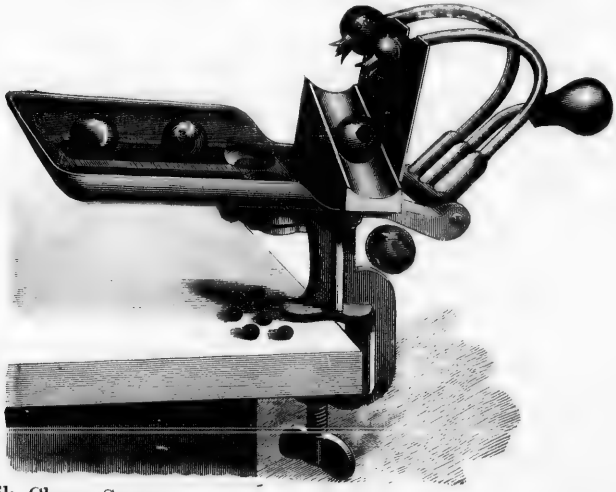
Hudson 1882 Rocking Table Apple Parers, with Push-off, - per dozen, $9 75

One dozen in a box.

The "Little Star" Apple Parer, Corer and Slicer.

"Little Star" Parer, Corer and Slicer Combined, - - per dozen, $9 75

Goodell's Family Cherry Stoner.



Goodell's Family Cherry Stoner, - - - - per dozen, $8 00

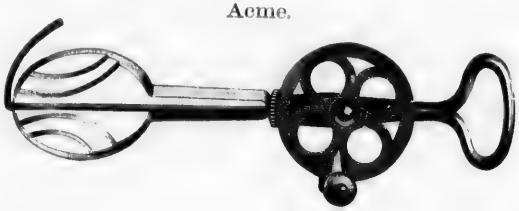
One dozen in a box.

Egg Beaters.

Standard.

"Standard" Egg Beaters, both Floats Revolve, - - - per dozen, $2 10

Acme.



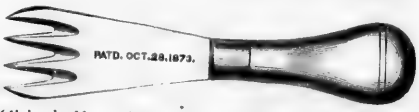
"Acme" Egg Beaters, - - - - - per dozen, $1 60

One dozen in a box.

Egg Boilers or Sand Glasses.

No. 127, Glass with Wood Frame, - - - - per gross, $10 50

Ice Chisels and Picks.



No. 10, American Ice Chisel, Four-Prong, Wood Handle, Heavy Brass Ferrule, per dozen, $2 25

One dozen in a box.

r dozen, $2 10

dozen, $1 60

gross, $10 50

rrule,
ozen, $2 25

M. & L. Samuel, Benjamin & Co.

Lemon Squeezers.

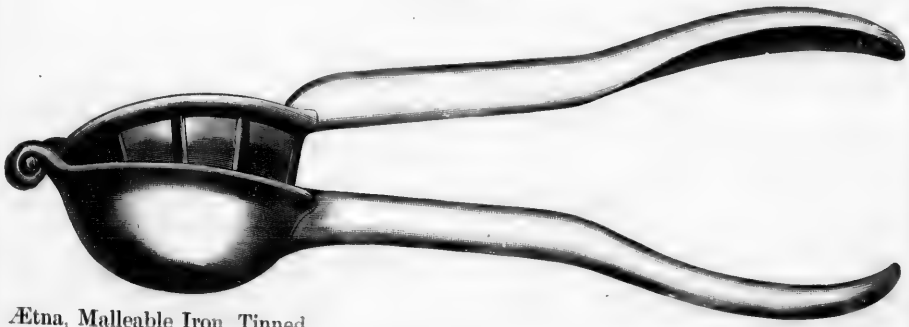
The Green Point.

Green Point, Japanned, Iron Frame, Porcelain Cup and Top, - per dozen, $8 25

The Superior.

Superior, Malleable Iron, Tinned, - - - - per dozen, $5 60

The Ætna.



Ætna, Malleable Iron, Tinned, - - - - per dozen, $4 20

This is a lighter squeezer than the Superior.

Half dozen in a box.

Can Openers.

No. C1208.

No. C1208, Cast Steel, Polished, Sardine Scissors, - - per dozen, $6 60

No. 1401.

No. 1401, Steel Blade, Double Foot, Wood Handle, - - per dozen, $1 50

No. 5.

No. 5, Iron Handle Japanned, Polished Steel Blade, - - per dozen, $1 50

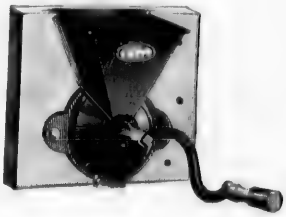
One dozen in a box or package.

Side Coffee Mills.

PECK, STOW & WILCOX CO.

Eagle Side Mills.

Wilson's Pattern.



No. 135.

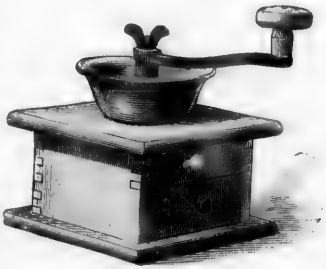
No. 170.

No. 135, Wilson's Pattern Side Coffee Mill, Wood Back, - per dozen, $5 65
No. 170, Eagle Side Coffee Mill, Wood Back, - - - " 11 10

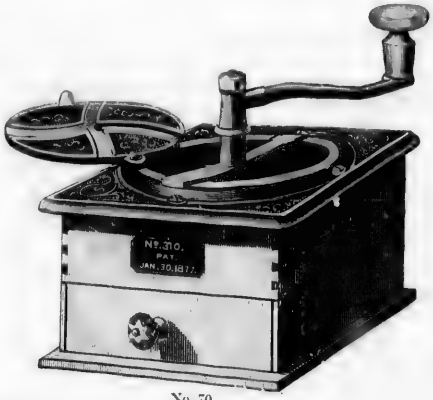
No. 135 is a small mill. No. 170 is a medium size.

No. 135, one dozen in a box; No. 170, half dozen.

Box Coffee Mills.



Style of Nos. 3 and 4.



No. 70.

With Dovetailed Boxes.

No. 3, Box Coffee Mill, with Britannia Hopper, - - per dozen, $9 75
No. 4, Box Coffee Mill, with Japanned Iron Hopper, - " 5 25
No. 370, Box Coffee Mill, Enameled and Gold Bronzed, Patent Covered Hopper, per dozen, $13 00

Half dozen in a box.

Box Coffee Mills.

PARKER'S.

No. 175.

With Dovetailed Boxes.

No. 175, Box Coffee Mill, with Britannia Hopper, - - per dozen, $15 50

No. 325.

With Dovetailed Boxes. Double Grinder.

No. 325, Box Coffee Mill, with Coppered Patent Covered Hopper, Extra Large Size, - - - - - per dozen, $16 50

Half dozen in a box.

lozen, $15 50

arge
zen, $16 50

Coffee Mills.

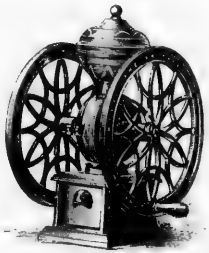
Swift Mills.

No. 12.

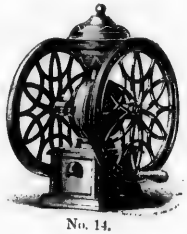
No. 12½.

No. 12, 14 inches high, one 9 inch Fly Wheel, Iron Hopper and Closed Drawer, grinds half pound per minute, - - each, $2 50

No. 12½, 14 inches high, two 9 inch Fly Wheels, otherwise same as No. 12, - - - - - - each, 3 50



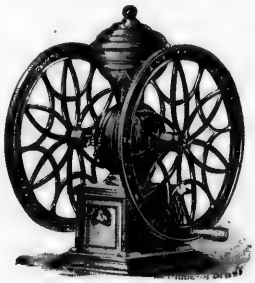
No. 13.



No. 14.

No. 13, 18 inches high, two 12 inch Fly Wheels, Iron Hopper and Closed Drawer, grinds three-quarters pound per minute, - each, $5 00

No. 14, 20 inches high, two 15 inch Fly Wheels, Iron Hopper and Closed Drawer, grinds one pound per minute, - - - each, 8 00



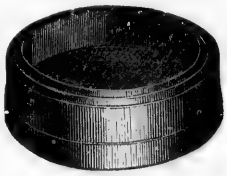
No. 140.

No. 140, 22 inches high, two 17 inch Fly Wheels, Iron Hopper and Closed Drawer, grinds one and a quarter pounds per minute, - each, $12 00

These mills are highly ornamented.

Flour Sieves.

MANN'S PATENT.



WOOD RIM.

Mann's Patent Tin Rim.

No. 16, Plain Wire,	per dozen,	$4 00
No. 18, Plain Wire,	"	4 25

One dozen in a box.

Wood Rim.

Wood Rim Sieves, Assorted Tinned Wire, Nos. 16, 18 and 20,	per dozen,	$1 60

Two dozen in a bundle.

Wellington Knife Polish.

Wellington Knife Polish,	per dozen,	$2 10

One dozen in a box.

Knife Boards.

Patent, with Brass Labels.

Inch,	24x4½	30x5½	36x6
Per dozen,	$4 10	6 00	6 75

dozen, $4 00
" 4 25

dozen, $1 60

dozen, $2 10

36x6
6 75

Sad Irons.

Fine Polish.

Round and Sharp Points.

Assorted 4 to 10 lb. Irons, - - - - per pound, $0 05

Tailors' Geese.

Planed Face, Extra Polished.

Assorted, 12 to 24 lb. Irons, - - - - per pound, $0 06

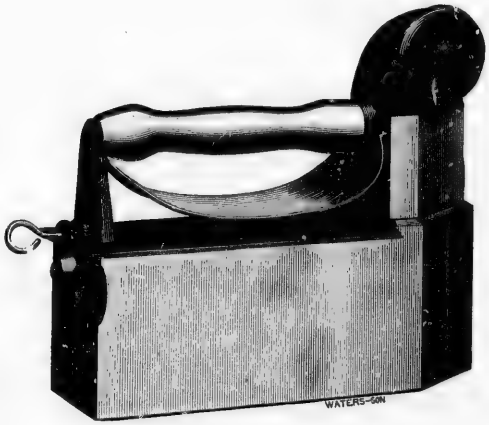
Self-Heating Irons.

BLESS & DRAKES' PATENT.

Smoothing Irons.

No. 3, Charcoal or Self-heating, Wood Handle, with Shield, Size 7x3¾ inch, per doz., $16 80

Half dozen in a box.



Tailors' Irons.

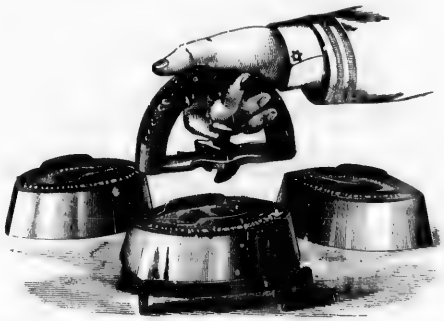
Charcoal or Self-heating, Wood Handle, with Shield, Size 12x3½ inch, per doz., $36 00

Half dozen in a case.

3¾ inch,
per doz., $16 80

r doz., $36 00

Mrs. Potts' (Enterprise) Cold Handle Smoothing and Polishing Irons.



Showing a full Set of Irons; comprising three Irons, and one Handle and Stand.

No. 50, Nickel-Plated, in Sets, three Irons, Nos. 1, 2 and 3,	per dozen sets,	$30 00
No. 55, Plain Polished, in Sets, three Irons, Nos. 1, 2 and 3,	" "	24 00

Half dozen sets in a case

Chemise Polishers.

Detachable Handles.

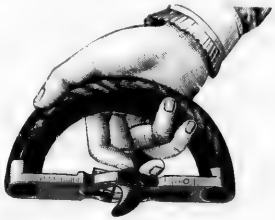
No. 80, Nickel-Plated, 4½ lbs. each,	per dozen,	$15 00
No. 82, Nickel-Plated, 3 lbs. each,	"	11 00
No. 85, Plain Polished, 4½ lbs. each,	"	13 00
No. 87, Plain Polished, 3 lbs. each,	"	9 00

Star Irons.

Double Pointed. Perforated Handles.

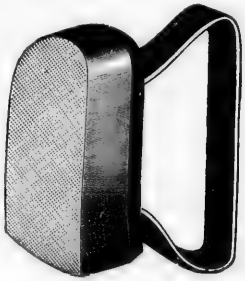
No. 72, Nickel-Plated, 3 lbs. each, - - - per dozen, $7 25
No. 77, Plain Polished, 3 lbs. each, - - " 5 50

Handles for Mrs. Potts' Irons.



Handles for all Mrs. Potts' Irons using Detachable Handles, - per dozen, $4 25

Troy Polishing Irons.



Troy Polishing Irons, Perforated Face, - - - per dozen, $9 00

er dozen, $7 25
" 5 50

r dozen, $4 25

dozen, $9 00

Toy Sad Irons and Stands.

Length of Iron, 2¾ inches; weight per set, 10 ounces.

No. 3, Copper Bronzed, - - - - per dozen sets, $0 75
No. 3, Japanned and Polished Face, - - - " " 1 00

One dozen sets in a box.

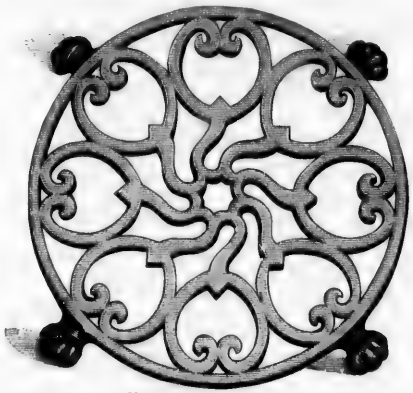
Sad Iron Stands.

Half Size Cut of No. 3.

No. 3, Plain Finish Sad Iron Stands, - - - per dozen, $0 70
Mrs. Potts' Sad Iron Stands, - - - - " 0 80

One dozen in a bundle.

Coffee Pot Stands.



Half Size Cut of No. 23.

No. 23, Coppered Coffee Pot Stands, - - - - per dozen, $0 70

Stove Cover Lifters.

Half Size Cut.

No. 330, Maroon Japanned Stove Cover Lifters, - - per gross, $6 75

Edgar's Patent Fire Shovels.

No. 80.

Japanned, made of No. 20 Refined Iron.

No. 80, $4\frac{3}{4}$x7 inch Solid Pan, whole length 15 inches, - - per gross, $9 00

No. 15.

Japanned, made of No. 18 Refined Iron.

No. 15, $4\frac{3}{4}$x$7\frac{1}{2}$ inch Solid Pan, whole length 16 inches, - - per gross, $13 50

No. 75.

Japanned, made of No. 19 Refined Iron.

No. 75, $4\frac{3}{4}$x$7\frac{1}{2}$ inch Solid Pan, Oval Covered Handles, whole length 16 inches, per gross, $13 50

Half dozen in a bundle.

Edgar's Patent Fire Shovels.

No. 57.

Japanned, made of No. 19 Refined Iron.

No. 57, 5x8½ inch Solid Pan, Round Long Handle, whole length 23 inches, per gross, $22 50

No. 300. Extra strong.

Japanned, made of No. 16 Refined Iron.

No. 300, 6x9 inch Solid Pan, Round Long Handle, whole length 25½ inches, per gross, $36 00

Half dozen in a bundle.

Stove Pipe Varnish.

In Pint Stone Bottles, - - - - - per dozen, $1 35

Acme Fry Pans.

Polished, with Patent, Always Cool Handle.

Nos.	2	3	4	5	6
Inch,	9	9½	10	11	12
Per dozen,	$4 25	4 75	5 25	6 00	7 00

Quarter dozen in a package.

Enameled Maslin Kettles.

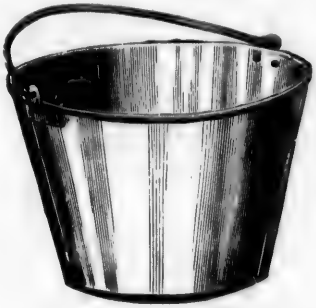
Rimmed Bottom, Side Handle, Stop Bail.

Quarts,	4	5	6	7	8	10	12	14	16	20
Inch,	8	8½	9	9½	10	11	12	13	14	16
Each,	$0 80	0 90	1 00	1 20	1 40	1 60	1 80	2 00	2 30	2 60

AMERICAN LIST.

Nos.	4	5	6	7	8	10	12	14	16	18
Each,	$0 75	0 90	1 10	1 20	1 30	1 40	1 50	1 75	2 00	2 25

Brass Kettles.



Inch,	10	11	12	13	14	15	16	18
Gallons,	2	2½	3	4	4½	5	6	10
Pounds,	3	3½	4	5	5¾	6½	7½	10½
Per pound,	-	-	-	-	-	-		$0 40

Glue Pots.

Tinned Cup.

Nos.	6-0	4-0	2-0	0	1	2	3	4	5
Diameter of Cup,	2½	3	3¼	3½	4	4½	4¾	5	5½ in.
Per dozen,	$4 00	5 50	6 80	7 15	8 70	10 50	13 00	16 00	18 00

The "Handy" Family Glue Pots.

"Handy" Family Glue Pots, - - - - per dozen, $5 25

Half dozen in a box.

	16	18
	6	10
	7½	10½
		$0 40

	4	5
	5	5½ in.
	6 00	18 00

lozen, $5 25

Granite Iron Tea Pots.

Style of Nos. 0 to 50.

Improved, with Retinned Covers.

Nos.	0	10	20	30	40	50
Quarts,	1	1½	2	3	4	5
Per dozen,	$9 60	10 80	12 00	13 80	15 60	18 00

Style of Nos. 8 to 15.

"Imperial," with Retinned Covers and Stamped Bottom.

Nos.	8	9	11	12	13	14	15
Quarts,	½	1	1½	2	3	4	5
Per dozen,	$9 60	10 80	12 00	13 20	15 60	18 00	20 40

Granite Iron Lipped Coffee Pots.

Style of Nos. 5 to 55.

Improved, with Retinned Covers.

Nos.	5	15	25	35	45	55
Quarts,	1	1½	2	3	4	5
Per dozen,	$9 60	10 80	12 00	13 80	15 60	18 00

Granite Iron Lipped Coffee Pots.

Style of Nos. 9½ to 15½.

"Imperial," with Retinned Covers and Stamped Bottoms.

Nos.	9½	11½	12½	13½	14½	15½
Quarts,	1	1½	2	3	4	5
Per dozen,	$10 80	12 00	13 20	15 60	18 00	20 40

Granite Iron Tea Kettles.

Pit Bottom.

Nos.	6	7	8	9
Quarts,	4	5	7	8
Per dozen,	$19 20	22 80	27 60	33 60

Granite Iron Lipped Sauce Pans.

Nos.	9	10	12	14	16	18
Quarts,	½	¾	1	1½	2	2½
Inch,	4½x2¼	5x2¼	6x2½	6½x3¼	7x3½	7¾x3½
Per dozen,	$2 40	3 00	3 60	4 20	4 80	6 00
Nos.	20	22	24	26	28	30
Quarts,	3	4	5	6	7½	10
Inch,	8½x3¾	9x4	9¾x4¼	11x5	11¼x5½	12x6
Per dozen,	$7 20	8 40	9 60	10 80	12 60	15 00

Granite Iron Lipped Preserving Kettles.

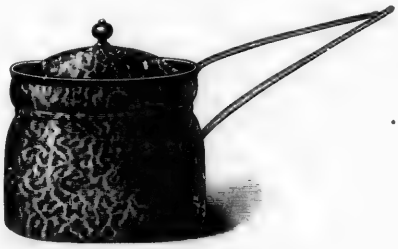
Nos.	14	16	18	20	22	24
Quarts,	1½	2	2½	3	4	5
Inch,	6½x3¼	7x3½	7¾x3½	8½x3¾	9x4	9¾x4¼
Per dozen,	$4 20	4 80	6 00	7 20	$8 40	9 60
Nos.	26	28	30	32	40	50
Quarts,	6	7½	10	12	18	30
Inch,	11x5	11¼x5½	12x6	13x5¾	14⅞x7⅝	17⅝x8⅞
Per dozen,	$10 80	12 60	15 00	18 00	27 00	45 00

Granite Iron Milk or Rice Boilers.

With Retinned Covers.

Nos.	116	118	120
Pints inside Boilers.	2	3	5
Per dozen,	$14 40	16 80	19 20

Granite Iron Seamless Milk, Rice and Vegetable Boilers.



With Retinned Covers.

Nos.	52	53	54	56
Pints inside Cup,	2	4	6	8
Per dozen,	$15 00	21 00	27 00	33 00

Granite Iron Deep Pudding Pans.

Quarts,	$\frac{1}{2}$	1	$1\frac{1}{2}$	2	3
Inch,	$6\frac{1}{4}$x$2\frac{1}{4}$	7x$2\frac{3}{4}$	8x$2\frac{3}{4}$	$8\frac{3}{8}$x$2\frac{7}{8}$	$9\frac{1}{4}$x$3\frac{1}{8}$
Per dozen,	$3 00	3 60	4 20	4 80	5 40
Quarts,	4	5	6	8	10
Inch,	10x3	$10\frac{1}{2}$x$3\frac{1}{2}$	$11\frac{3}{8}$x$3\frac{3}{4}$	$13\frac{1}{4}$x4	$13\frac{3}{4}$x$4\frac{1}{2}$
Per dozen,	$6 00	6 60	7 80	9 00	10 80

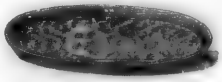
Granite Iron Oval Pudding Pans.

Nos.	1	2	3	4	5
Inch,	$10\frac{1}{2}$x$7\frac{1}{2}$x$2\frac{1}{2}$	$11\frac{3}{8}$x$8\frac{1}{4}$x$2\frac{5}{8}$	13x$9\frac{1}{2}$x$2\frac{7}{8}$	$14\frac{1}{2}$x$10\frac{3}{4}$x3	$16\frac{1}{2}$x$12\frac{1}{2}$x$3\frac{1}{4}$
Per dozen,	$5 40	6 60	7 80	9 60	12 00

Granite Iron Pie Plates.

Inch,	7	8	9	10
Per dozen,	$1 92	2 16	2 40	3 00

Granite Iron Jelly Cake Pans.



Inch,	9	10
Per dozen,	$2 40	3 00

Granite Iron Basting Spoons.

Inch,	10	12	14	16	18	20
Per dozen,	$1 68	1 92	2 16	2 40	3 00	3 60

Granite Iron Drinking Cups.

Nos.	9	10	11	12
Inch,	4x2⅛	4½x2¼	4¾x2½	5x2⅞
Per dozen,	$2 40	2 64	3 00	3 60

Granite Iron Convex Water Pitchers.

Seamless.

Nos.	401	402	403	404	405
Pints,	1	2	3	4	5
Per dozen,	$10 80	12 00	13 80	15 60	18 00

Wash Basins.

Nos.	24	26	28	30	32	34	36
Inch,	$9\frac{3}{4}$x$2\frac{1}{2}$	$10\frac{3}{8}$x$2\frac{7}{8}$	$11\frac{1}{8}$x$3\frac{1}{8}$	$12\frac{1}{4}$x$3\frac{1}{4}$	13x$3\frac{5}{8}$	14x$3\frac{5}{8}$	15x$3\frac{7}{8}$
Per dozen,	$4 20	4 80	5 40	6 60	7 80	9 00	10 20

Seamless Flaring Pails.

Nos.	80	100	120
Quarts,	8	10	12
Inch,	$10\frac{5}{8}$x$7\frac{5}{8}$	$11\frac{5}{8}$x$7\frac{3}{4}$	$12\frac{5}{8}$x$8\frac{5}{8}$
Per dozen,	$12 60	14 40	16 20

Seamless Water Buckets.

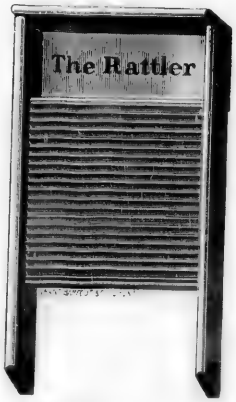
Nos.	108	110	112
Quarts,	8	10	12
Inch,	9x$7\frac{3}{4}$	$10\frac{1}{4}$x$8\frac{1}{4}$	11x$9\frac{1}{2}$
Per dozen,	$13 20	15 00	16 80

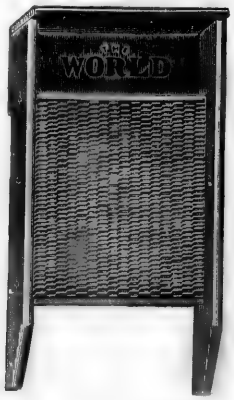
Galvanized Water Buckets.

12 inch, Heavy,	per dozen,	$3 60
13 inch, Heavy,	"	6 00

One dozen in a bundle.

Wash Boards.





"Rattler" Wash Boards, Common, Zinc,	per dozen,	$1 90
"World" Wash Boards, the "World" is the best Board in Canada,	"	2 65

Half dozen in a bundle.

M. & L. Samuel, Benjamin & Co.

Clothes Washers.

The "Empress."

The "Empress" Clothes Washer, - - - - each, $7 00

No rubbing or friction to tear the clothes, the work being done entirely by pressure.

The "Dowswell."

The "Dowswell" Clothes Washer, - - - - each, $6 00

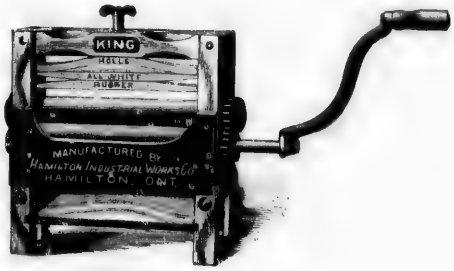
The upper roller of hard maple. The two lower rollers of alternate rings of wood and rubber. No bar underneath to catch or tear the clothes. Can be easily adjusted to fit any size wash tub. Will wash the largest blanket or counterpane in three minutes.

Clothes Wringers.

"Sunbeam."

"Imperial."

"Sunbeam," Galvanized Iron Frame, 10 inch Rolls, - - per dozen, $48 00
"Imperial," Galvanized Iron Frame, 10 inch Rolls, - " 72 00
"Imperial," Galvanized Iron Frame, 11 inch Rolls, - - " 73 00



"Novelty."

"Royal Canadian."

"Novelty," Hard Maple Wood Frame, Galvanized Cog Wheels, 10 inch rolls, per dozen, $78 00
"Royal Canadian," Hard Maple Wood Frame, Galvanized Cog Wheels, Cam Tub Fastening, 11 inch Rolls, - - - per dozen. 90 00

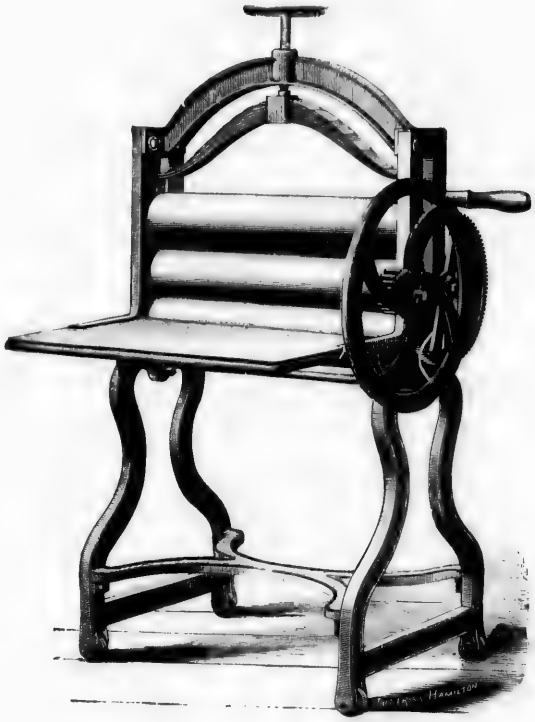
Half dozen in a box.

lozen, $48 00
72 00
73 00

m."

rolls,
ozen, $78 00
Cam
ozen. 90 00

Mangles.



The "Queen."

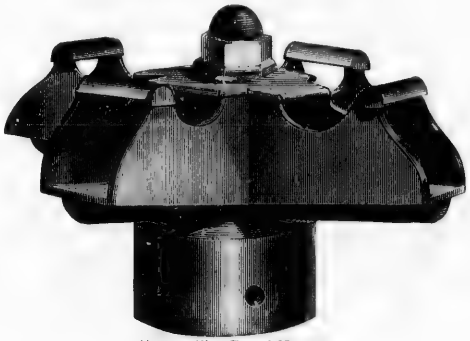
The "Queen," Three 24 inch Maple Wood Rollers, Mounted on Iron Wheels, Heavy Frame, Folding Table at each side, Elliptic Spring, Adjustable Pressure, - - - - - each, 25 00

Mangles.

The "Peerless."

The "Peerless," two 25 inch Maple Wood Rollers, Mounted on Iron Wheels, Heavy Frames, Double Geared, Folding Table at each side, Elliptic Spring, Adjustable Pressure, - - - each, $25 00

Clothes-Line Reels.

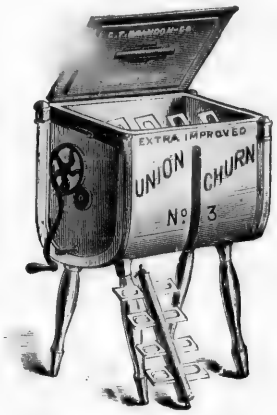


Quarter Size Cut of No. 2.

No. 2, Revolving Clothes-Line Reels, with Solid Cap to cover post, Round Socket, Painted, - - - - per dozen, $10 50

No. 3, Revolving Clothes-Line Reels, with Solid Cap to cover post, Square Socket, Painted, - - - - per dozen, 10 50

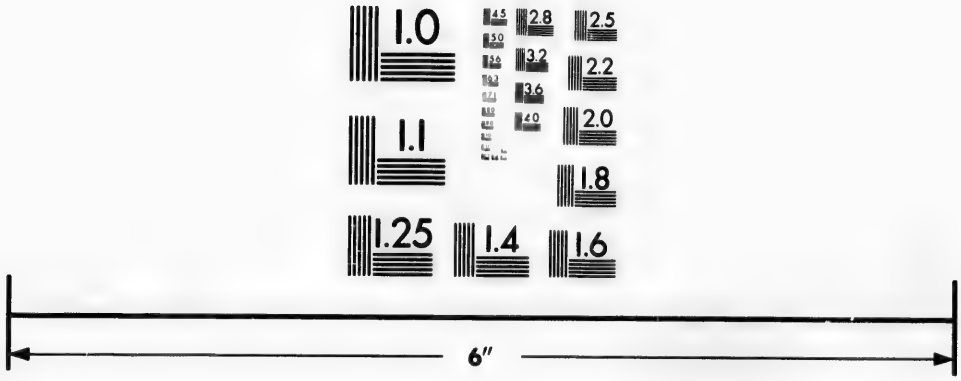
Improved Union Churns.



No. 1, Suitable for from 1 to 2 cows,	each,	$6 50
No. 2, Suitable for from 2 to 5 cows,	"	7 20
No. 3, Suitable for from 5 to 8 cows,	"	8 25
No. 4, Suitable for from 8 to 12 cows,	"	10 35

We guarantee this Churn to do its work thoroughly.

IMAGE EVALUATION
TEST TARGET (MT-3)



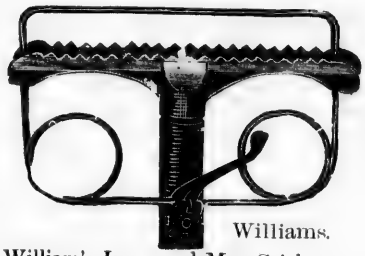
Photographic
Sciences
Corporation

23 WEST MAIN STREET
WEBSTER, N.Y. 14580
(716) 872-4503

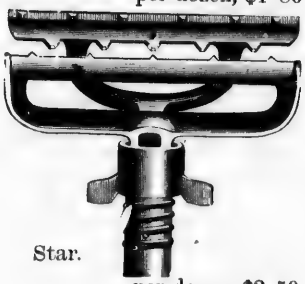
2.8
2.5
3.2
2.2
3.6
2.0
4.0
1.8
1.1
1.0

Mop Sticks.

Improved Mop Sticks, - - - - per dozen, $1 80



Williams.



Star.

William's Improved Mop Sticks, - - - per dozen, $2 50
Star Mop Head and Brush Holder, - - - - " 1 90

One dozen in a bundle.

Wheelheads.

Patent Brass Bushed.

Size,	Small,	Large,	Extra Large.
Per dozen,	$4 00	4 50	5 80

Anti-Friction.

Size,	Small,	Large.
Per dozen,	$4 50	5 00

One dozen in a box.

er dozen, $1 80

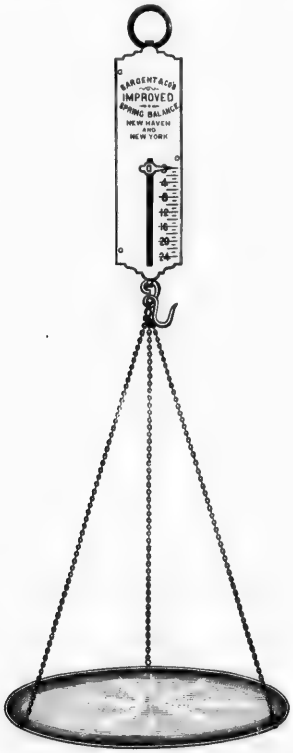
er dozen, $2 50
" 1 90

Extra Large.
5 80

Large.
5 00

Improved Spring Balances.

No. 20.



No. 52.

No. 50.

Light Balances.

No. 20, 24 pounds by ½ pound, Straight with Hook, "Sargent's,"	per dozen,	$1 90
No. 30, 48 pounds by 1 pound, Straight with Hook, "Sargent's,"	"	4 20
No. 50, 24 pounds by ½ pound, Straight with Hook, "Frary's,"	"	2 25
No. 51, 48 pounds by 1 pound, Straight with Hook, "Frary's,"	"	4 90
Salters, 24 pounds by ½ pound, Straight with Hook,	"	4 50

Heavy Balances.

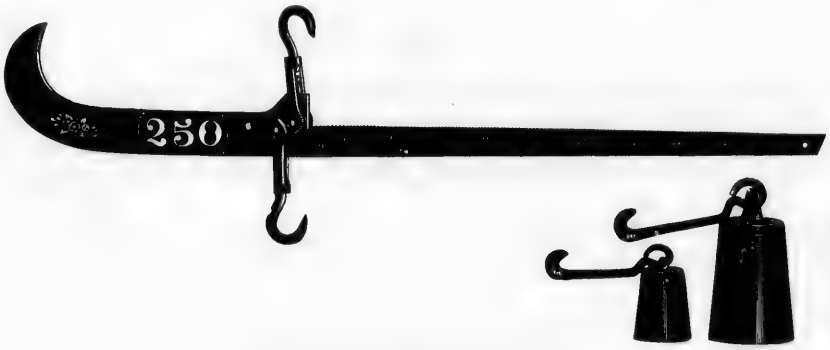
No. 81, 24 pounds by ½ pound, Straight with Hook, "Frary's,"	per dozen,	$5 50
No. 84, 50 pounds by 1 pound, Straight with Hook, "Frary's"	"	13 90
Salters, 25 pounds by ½ pound, Straight with Hook,	"	6 75

Light Balances, with Round Dish.

No. 52, 24 pounds by ½ pound, Straight with Round Dish, "Frary's,"	per dozen,	$5 60
No. 53, 48 pounds by 1 pound, Straight with Round Dish, "Frary's,"	"	9 75

Nos. 52, 53 and 84, quarter dozen in a box; other numbers, half dozen.

Patent Scale Beams, with Poises.



Japanned, Striped with Red.

To weigh,	200	250	300	360	400	500	600 pounds.
Each,	$1 60	1 90	2 10	2 50	2 90	3 50	4 00

Each one papered separately and labelled.

Six in a case.

American Pattern Steelyards.

With Balanced Heads and Stops.

50 Pounds, Steel Bar, to weigh by ounces, - - - per dozen, $9 00

Half dozen in a box.

600 pounds.
4 00

dozen, $9 00

"Little Detective" Scale.

"Little Detective," weighs ¼ ounce to 10 pounds, with Brass Beam and Tin Scoop,
Inspected, - - - - - - each, $4 90

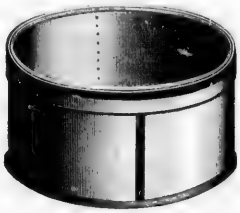
Three in a box.

Union Scale.

"Union," weighs ½ ounce to 200 pounds, Steel Bearings, Brass Beam, Tin Scoop,
Inspected, - - - - - - each, $7 50

One in a box.

Wood Measures.



Half Bushel Measures, Iron Bound, Inspected, - - -	per dozen,	$9 00
Peck Measures, Iron Bound, Inspected, - - -	"	5 25
Half Peck Measures, Iron Bound, Inspected, - -	"	3 75

Grain Baskets.

One Bushel, Stave, Wood Bottom, Broad Band, -	per dozen,	$4 12

Bull's Eye or Police Lanterns.

No. 70, Japanned, 2½ inch Eye, - - - -	per dozen,	$7 20
No. 80, Japanned, 2¾ inch Eye, - - -	"	8 40

per dozen, $9 00
" 5 25
" 3 75

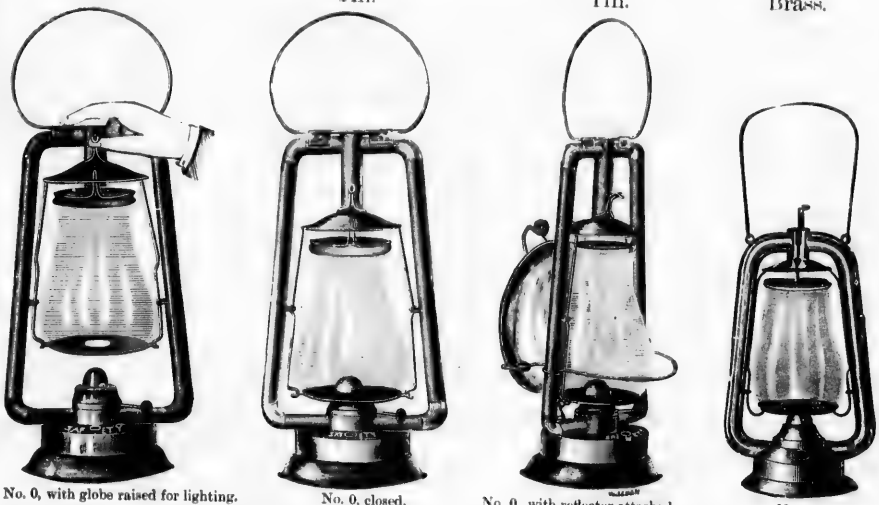
er dozen, $4 12

er dozen, $7 20
" 8 40

Tubular Lanterns.

"DOMINION" TUBULAR LAMP CO.

Tin. Tin. Tin. Brass.



No. 0, with globe raised for lighting. No. 0, closed. No. 0, with reflector attached. No. 00.

No. 0, Tin, Safety Lift Wire, with $\frac{5}{8}$ inch Burner, - - per dozen, $11 25
No. 0, Tin, Safety Lift Wire, with $\frac{5}{8}$ inch Burner, Nickel-plated Reflector and Spring Fastening, for Carriage Dash, - - - per dozen, 16 15
No. 00, Brass, Safety Lift Wire, with $\frac{3}{8}$ inch Burner, - " 12 00

One dozen in a box.

Lantern Reflectors.

With Dashboard Fastening.

No. 0, Reflectors with Spring Fastening for Carriage Dash, - per dozen, $5 25

Lantern Globes.

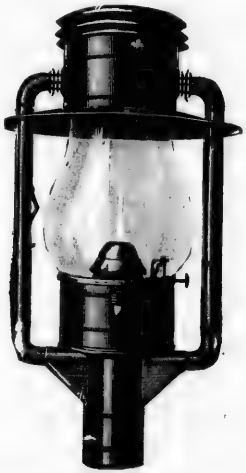
Full Size Lantern Globes for No. 0 and other Lanterns. - - per dozen, $1 35
Small Lantern Globes for No. 00 Lantern, - - - " 1 12

Packed five dozen in a case.

Globe Tubular Street Lamps.

"DOMINION" TUBULAR LAMP CO.

Showing Globe Raised and Oil Fount Detached.



Closed.

With Automatic Extinguisher.

No. 3, Globe Tubular Street Lamp, 1½ inch Burner, Height of Lamp, 25 inches, each, $7 50

It gives a much more powerful light than any other lamp made. Its construction is much more simple and graceful. It has a removable globe, which can be replaced at any time without trouble.

It can be filled, regulated and lighted from the outside.

It casts no shadow whatever, having a 14 inch Enamelled Reflector.

One in a box or crate.

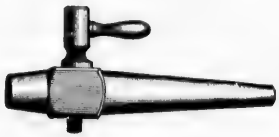
per dozen, $1 35
" 1 12

25 inches,
each, $7 50

e and graceful. It has a

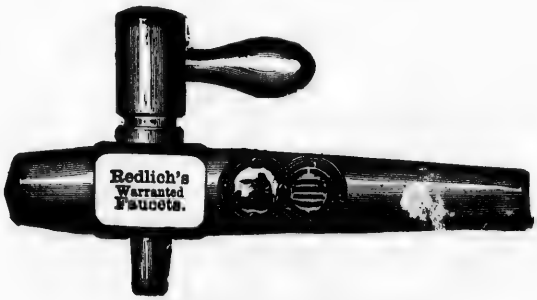
Wood Faucets.

Cork Lined.



Nos.	2	4	6	8
Length,	7	8	9	10 inch.
Per dozen,	$0 55	0 70	0 85	1 05

Redlich's Patent, Cork Lined.



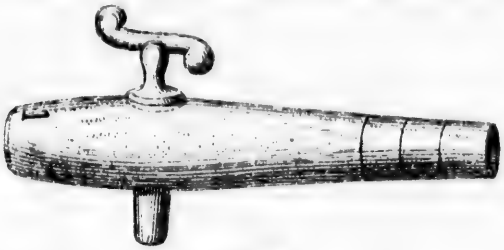
Boiled in Gutta Percha and fully warranted.

Nos.	2	4
Length,	8½	9½ inch.
Per dozen,	$1 65	2 20

Packed in barrels.

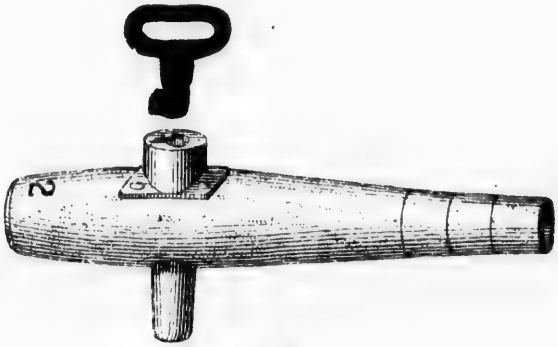
Wood Faucets.

German, Polished Cherrywood with Metal Key.



No. 323.

Nos.	2-0	1	3
Length,	6½	7½	8¼ inch.
Per dozen,	$1 90	2 40	3 45



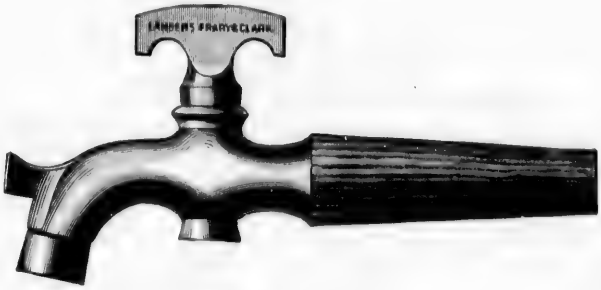
No. 325.

Nos.	2-0	1	3
Length,	6½	7½	8¼ inch.
Per dozen,	$2 55	3 00	4 20

One dozen in a package.

Brass Faucets.

Racking.



Fast Key, to Drive.

Inch,	$\frac{3}{8}$	$\frac{7}{16}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$
Per dozen,	$3 30	4 30	5 25	8 00	10 65

With Screw Bottom.

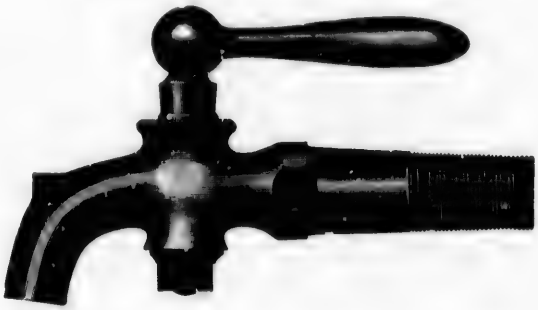
Inch,	$\frac{3}{8}$	$\frac{7}{16}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$
Per dozen,	$4 50	5 65	6 90	9 90	13 05

Loose Key, to Drive.

Inch,	$\frac{3}{8}$	$\frac{7}{16}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$
Per dozen,	$3 70	4 80	5 80	8 70	12 30

Half dozen in a box.

Petroleum Oil Faucets.



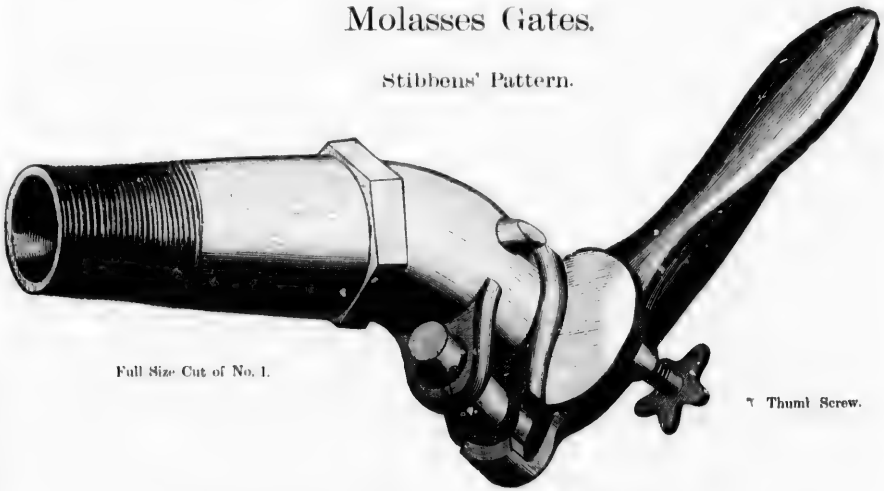
Japanned, Brass Lever Handle, Screw Shank. Key Bushed with Brass.

Inch,	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	1
Per dozen,	$8 25	9 00	10 50	12 00

Half dozen in a box.

Molasses Gates.

Stibbens' Pattern.



Full Size Cut of No. 1.

Thumb Screw.

Japanned, Screw Shank, with Thumb Screw Set.

Nos.	1	2	3	4
Size of Bore,	1	$1\frac{1}{8}$	$1\frac{3}{8}$	$1\frac{5}{8}$ inch.
Per dozen,	$7 00	8 00	9 00	10 00

Half dozen in a box.

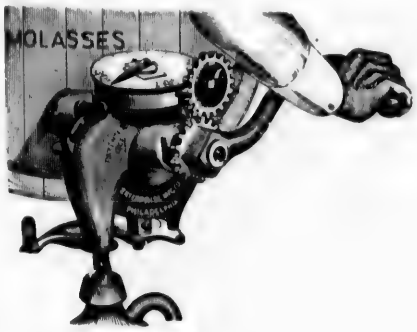
ith Brass.

1
12 00

Thumb Screw.

4
$1\frac{5}{8}$ inch.
10 00

Enterprise Measuring Faucet.



Patent Measuring Faucets, Size of Bore $1\frac{5}{8}$ inch, - - - each, $4 50

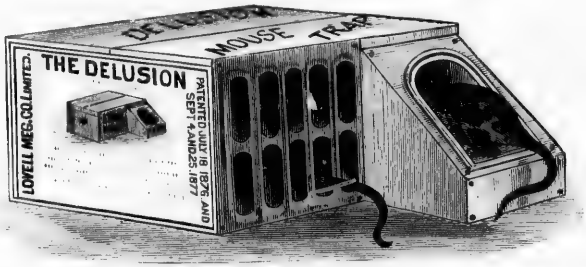
Twelve in a case.

Balloon Fly Traps.

Balloon Fly Traps, Tinned Wire, Wood Bottom, - - per dozen, $3 00

One dozen in a box.

The Delusion Mouse Trap.



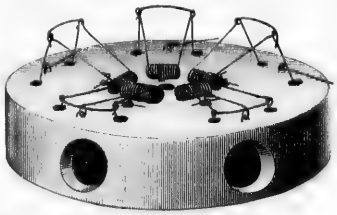
Self-setting, Perfect in Operation.

"The mouse goes in to get the bait,
And shuts the door by his own weight,
And then he jumps right through a hole,
And thinks he's out; but, bless his soul,
He's in a cage, somehow or other,
And sets the trap to catch another."

Delusion Mouse Traps, Red Tinted Wood, - - - per dozen, $2 25

Full cases contain one gross.

Circular Wood Mouse Traps.

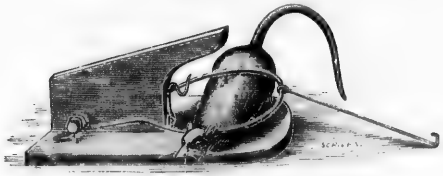


Four Hole Mouse Traps, Red Tinted Wood, - - - per dozen, $1 20

One dozen in a bundle.

Rat Traps.

Little Giant.



Little Giant Rat and Game Trap, - - - - per dozen, $2 25
Tinned Wire Lock Rat Traps, Wood Bottom, - " 6 75

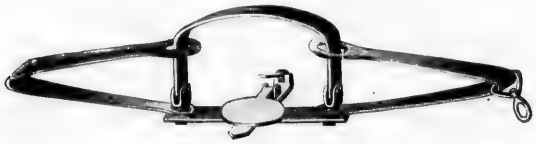
er dozen, $2 25

er dozen, $1 20

er dozen, $2 25
" 6 75

Hawley & Norton's Patent Steel Game Traps.

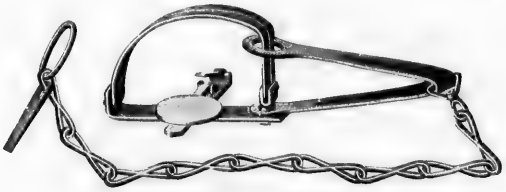
Nos. 0, 1 and 1½, Single Spring, Patented.



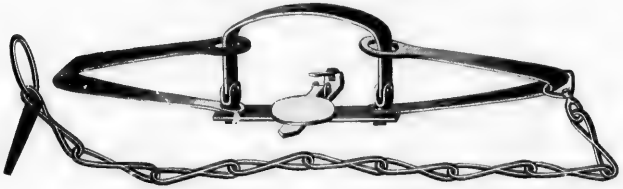
Nos. 2, 3 and 4, Double Spring, Patented.

Oneida Pattern, without Chain.

Nos.	0	1	1½	2	3	4
Spread of Jaw,	3½	4	4⅞	4⅞	5½	6½ inches.
Per dozen,	$3 25	3 50	6 00	9 00	12 00	14 50



With Chain. Nos. 0, 1 and 1½, Single Spring, Patented.

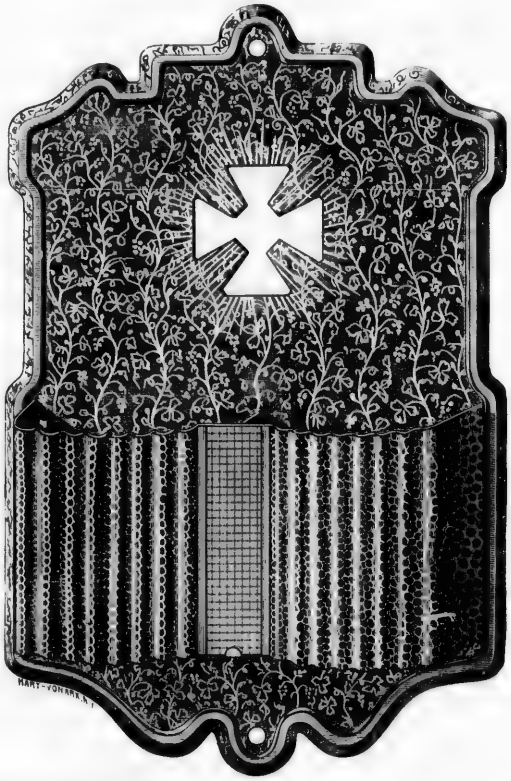


With Chain. Nos. 2, 3 and 4, Double Spring, Patented.

Oneida Pattern, with Chain.

Nos.	0	1	1½	2	3	4
Spread of Jaw,	3½	4	4⅞	4⅞	5½	6½ inches.
Per dozen,	$4 25	4 65	7 50	10 50	13 75	16 50

New Gold Metal Luminous Match Safe.

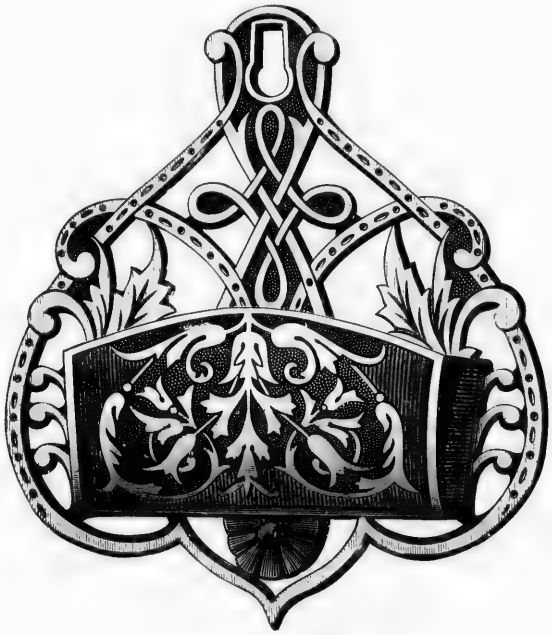


Gold Metal Luminous Match Safe, - - - - per dozen, $3 25

The most beautiful and attractive safe in the market.

One dozen in a box.

Match Safes.



Full Size Cut of Nos. 170, 75 and 77.

No. 170,	Tuscan Bronzed,	per dozen,	$1 25
No. 75,	Berlin Bronzed and Gilt,	"	3 00
No. 77,	Nickel-plated and Blue,	"	5 00

Half dozen in a box.

Match Safes.

Full Size Cut of Nos. 180 and 85.

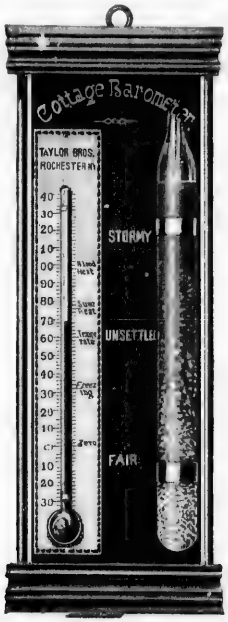
With Receptacle for Burnt Matches.

No. 180, Tuscan Bronzed, - - - - -	per dozen,	$1 80
No. 85, Berlin Bronzed and Gilt, - - - -	"	4 50

Half dozen in a box.

Thermometers.

Style of Nos. 30, 31 and 35.



Barometer.

No. 37

Japanned Tin Case Thermometers.

No. 30.

Inch,	7	8	10
Per dozen,	$5 00	5 50	6 50

No. 31; Ruby Tube.

Inch,	7	8	100
Per dozen,	$5 50	6 00	7 00

Dairy Thermometers.

Marked for Churning, Cheese and Scalding.

No. 35, Bright Tin Case, Zinc Scale.

Inch,	7	8
Per dozen,	$5 00	6 00

No. 37, Zinc, Flange.

Inch,	7	8
Per dozen,	$6 00	7 00

Half dozen in a box.

Combined Thermometer and Barometer.

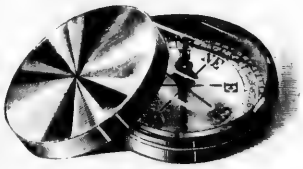
No. 100, Storm Glass and Thermometer, 9½ inches, - - per dozen, $8 50

Twelve dozen in a box.

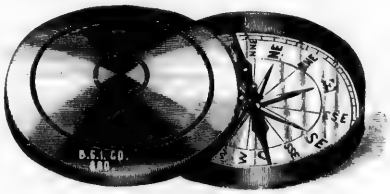
Pocket Compasses.

Style of Nos. 4327 and 6930.

No. 4327, $\frac{3}{4}$ inch, Brass Case with Ring, - - - per dozen, $1 80
No. 4327, 1 inch, Brass Case with Ring, - - " 2 00
No. 6930, $1\frac{1}{2}$ inch, Brass Case with Ring, Patent Stop, Metal Face, Extra Thick Glass, - - - - - per dozen, 9 75



No. 1509, $1\frac{1}{2}$ inch.



No. 1509, $1\frac{3}{4}$ inch.

No. 1509, $1\frac{1}{2}$ inch, Brass Case and Cover, - - - per dozen, $1 75
No. 1509, $1\frac{3}{4}$ inch, Brass Case and Cover, - - " 2 25

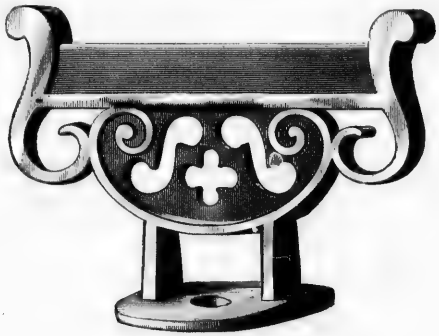
One dozen in a box.

Foot Scrapers.

Half Size Cut.

No. 00, Japanned, - - - - - per dozen, $0 90

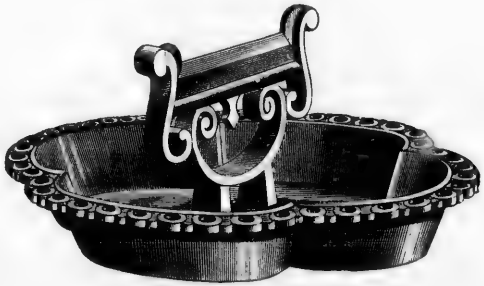
One dozen in a package.



Half Size Cut.

No. 4, Japanned, - - - - - per dozen, $1 35

Half dozen in a package.



Third Size Cut of No. 10.

No. 10, Japanned, with Dish, cast in one piece, - - per dozen, $5 60

Not packed.

Boot Jacks.

No. 106.

No. 106, Bronzed, "Beetle Pattern," - - - per dozen, $3 50

No. 105.

No. 105, Berlin Bronzed, - - - - - per dozen, $3 50

Half dozen in a package.

Cuspadores or Spittoons.

Balanced.

No. 21, Burnished Brass Cuspadores, - - - per dozen, $10 50
No. 22, Nickel-Plated Brass Cuspadores, - - " 12 00
No. 23, Nickel-Plated Zinc Cuspadores, - - - " 9 00

er dozen, $3 50

er dozen, $3 50

r dozen, $10 50
" 12 00
" 9 00

Looking Glasses.

Arch Top.

Three-quarters inch square wood frame, painted black, relieved by two white stripes running on the front inside and outside of frame.

Size, inches,	4x6	5x7	6x9	7x9	8x10	9x12	10x14
Per dozen,	$1 35	1 80	2 25	2 70	3 10	3 60	4 20

Arch Top.

Imitation satin wood frame, one and three-quarters inch wide.

Size inches,	7x9	8x10	9x12	10x14	12x18
Per dozen,	$4 50	5 25	6 10	7 50	10 50

Razor Straps.

"Phœnix" Square Strap, 12 inch, with Hone, Black Case Labelled, per dozen, $1 80

Emerson Imitation Strap, 13½ inch, one Side Oval and the other Flat, Black Case Labelled, - - - - - - per dozen, $2 25

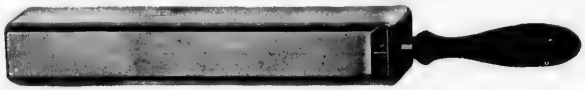
Half dozen in a package.

"Acme" Strap, 13½ in., one Side Oval and the other Flat, Black Enamelled Handle, Black Case Labelled, - - - per dozen, $4 50

This is a first-class article.

No. 200, Cushion Belt Strap, 13 inch, Imitation Red Morocco Case, Lettered in Gold, - - - - - - per dozen, $9 75

No. 100, German Belt Strap, 13 inch, Double Rod, Imitation Red Morocco Case, Labelled, - - - - - - per dozen, $3 45



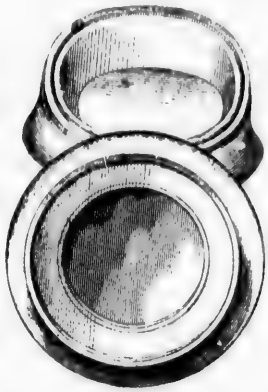
No. 310, Combination Belt Strap and Hone, 13½ inch, Double Rod, Imitation Red Morocco Case, Labelled, - - - - per dozen, $3 75

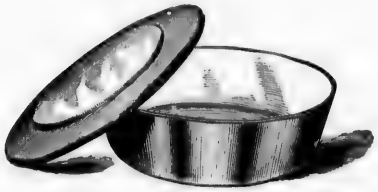
No. 022, Combination Belt Strap and Hone, 13½ inch, Double Rod, Black Case, Labelled, - - - - - - per dozen, 5 40

No. 3-0, Combination Belt Strap and Hone, 13½ inch, Single Rod, Red Morocco Case, Labelled, - - - - - per dozen, 6 90

Half dozen in a box.

Shaving Boxes.





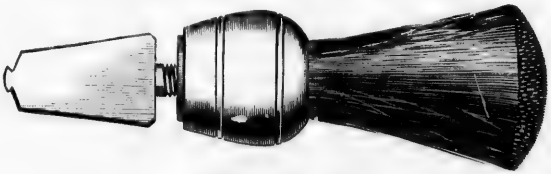
No. 1102, 3¼ inch, Wood Box with Porcelain Cup,	per dozen,	$1 50
No. 6518, 3¼ inch, Zinc Box with Porcelain Cup,	"	1 50
No. 7000, "Excelsior," 3¼ inch Zinc Box, White Enamelled Lining,	"	3 45

One dozen in a box or package.

Razor Hones.

No. 1, German Hone, 6 inch,	per dozen,	$6 15
No. 1, German Hone, 7 inch,	"	8 10
No. 2, German Hone, 6 inch,	"	3 90
No. 2, German Hone, 7 inch,	"	5 10

Shaving or Lather Brushes.



Full Size Cut of No. 5902.

English.

No. 5902, 4 inch Shaving Brush, White Bone Handle, Selected White Bristles, per dozen, $1 75

One dozen in a box.

Shaving or Lather Brushes.

Full Size Cut of No. 4746.

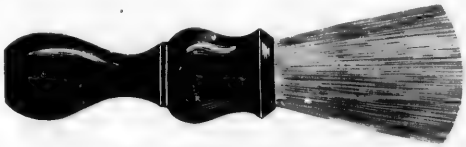
English.

No. 4746, 4 inch Shaving Brush, White Bone Handle, Selected White Bristles, per dozen, $2 40

Three-quarters Size Cut of No. 907.

American.

No. 907, 5¼ inch Shaving Brush, Black Enameled Handle, Selected White Bristles, - - - - - per dozen, $2 70



Three-quarters Size Cut of No. 127.

American.

No. 127, 4¾ inch Shaving Brush, Black Enameled Handle, White Bristles, per dozen, $0 90

German.

No. 3253-0, 4 inch Shaving Brush, Black Handle and Metal Ferrule, Imitation Badger Hair, - - - - per dozen, $1 20

No. 3253-2, 5 inch Shaving Brush, Black Handle and Metal Ferrule, Imitation Badger Hair, - - - - per dozen, 2 10

No. 4800, 5¼ inch Shaving Brush, White Bone Base and Black Wood Top Handle, Imitation Badger Hair, - - per dozen, 5 40

The Style of No. 3253 and 4800 is very similar to No. 127.

One dozen in a box.

Bristles,
r dozen, $2 40

White
r dozen, $2 70

ristles,
r dozen, $0 90

itation
dozen, $1 20
itation
dozen, 2 10
od Top
dozen, 5 40

Cash Boxes.

Japanned Tin, Striped in Gold, Brass Handles.

Inch,	8	9	10	11	1
Per dozen,	$10 50	12 00	13 50	15 75	18

One in a paper.

Tucker's Patent Money Drawers.

Tucker's Alarm Money Drawers, - - - each, $3 75

One in a case.

Twine Boxes.

Half Size Cut of No. 1.

No. 1, Adamantine Bronzed, Hanging Twine Box, - - per dozen, $3 75

Half Size Cut of No. 4.

No. 4, Enamelled and Gold Bronzed, Stand Twine Box, - - per dozen, $5 00

Half dozen in a box.

er dozen, $3 75

er dozen, $5 00

Lead Pencils.

Dixon's Carpenters'.

No. 514, 7 inch Oval, White Wood with Rule Mark,	per gross,	$3 25
No. 515, 9 inch Oval, White Wood with Rule Mark,	"	4 50
No. 410, 7 inch Oval, Polished Cedar,	"	3 75
No. 411, 9 inch Oval, Polished Cedar,	"	5 00
No. 526, 7 inch Oval, Polished Black,	"	3 75
No. 527, 9 inch Oval, Polished Black,	"	5 00

Dixon's Office.

No. 259, Round, Plain Cedar, Square Lead,	per gross,	$1 50
No. 254, Round, Polished Black, Square Lead,	"	1 90
No. 262, Round, Polished Red, Square Lead,	"	1 90
No. 111, Round, Maroon Finish, Round Lead, Soft Medium,	"	6 25
No. 112, Round, Maroon Finish, Round Lead, Medium,	"	6 25

No. 263, Round, Polished Red, with Large Hexagon Rubber Head, Square Lead, per gross, $3 15

No. 373, Round, Polished Black, with Large Hexagon Rubber Head, Square Lead, per gross, 3 15

Eagle Pencil Co.'s Office.

No. 676, "Recorder," Round, Polished Satinwood, with Nickel Plated Tip, Round Lead, per gross, $6 40

Half gross in a box.

Dixon's Lumber Pencils.

No. 361, Dixon's Lumber Pencil, $4\frac{3}{4}$x$\frac{1}{2}$, Hexagon, Japanned, - per gross, $12 75

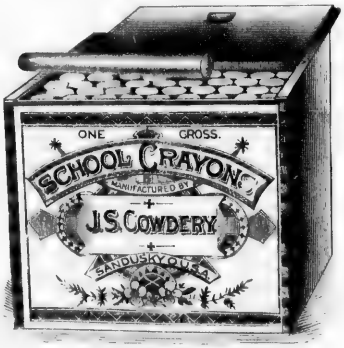
Half gross in a box.

Slate Pencils.

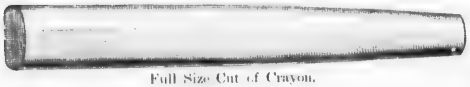
5 inch, German Slate Pencils, - - - per hundred, $0 18

One hundred in a box.

School Chalk Crayons.



Cut showing how the Crayons are packed.

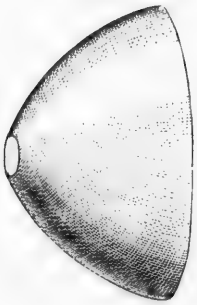


Full Size Cut of Crayon.

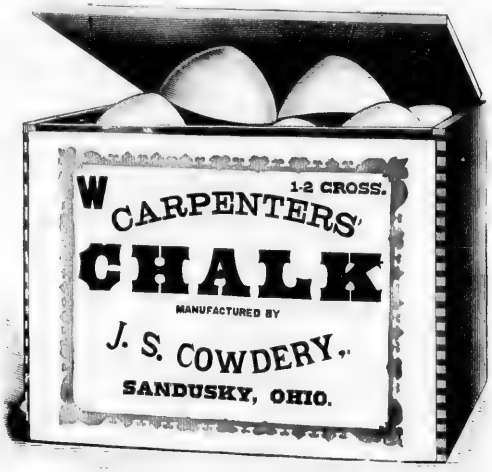
Chalk Crayons, White, - - - - per gross, $0 25

One gross in a box.

Carpenters' Prepared Chalk.



Full Size Cut of Pieces.



Cut showing how the Chalk is packed.

White Prepared Chalk,	per gross,	$1 20
Red Prepared Chalk,	"	1 65
Blue Prepared Chalk,	"	1 95

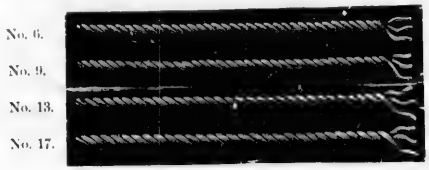
Half gross in a box.

School Slates.

Hard Wood Frame

Size,	5x7	6x9	7x11	8x12
Per dozen,	$0 75	1 05	1 20	1 50

Bleached Sea Island Cotton Chalk Lines.



Full Size Cuts.

Twelve Hanks of 20 feet each in a dozen, four Hanks in one piece.

Nos.	6	9	13	17
Per gross,	$2 70	5 10	6 40	7 90

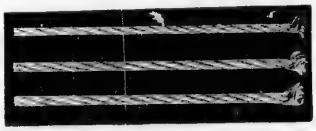
No. 6, one gross in a box; other numbers, half gross.

Masons' Lines.

No. 27, White Cotton, 100 feet, - - - - per dozen, $1 60

One dozen in a bundle.

Silver Lake Braided Cotton Chalk Lines.



Full Size Cuts.

Twenty feet Hanks, 12 Hanks in a dozen, all in one piece.

Nos.	1	2	3
Per gross,	$10 80	11 60	13 00

Half gross in a box.

Twines.

Cotton Twine.

3-Ply, Cotton Wrapping Twine, in ¼ lb. Balls,	per pound,	$0 30

Five pounds in a package.

Jute Twine.

2-Ply, Jute Colored Wrapping Twine, in ¼ lb. Balls,	per pound,	$0 20
2-Ply, Jute Wrapping Twine, in ½ lb. Balls,	"	0 24
6-Ply, Jute Vinery Twine, in ½ lb. Balls,	"	0 22
11-Ply, Jute Sofa Spring Twine, in 1 lb. Balls	"	0 22

Flax Twine.

No. 12, Cable Laid Flax Upholsterers' Twine, Gray, in ¼ lb. Balls,	per pound,	$0 78
No. 15, Cable Laid Flax Mattrass Twine, Gray, in ¼ lb. Balls,	"	0 78
No. 40, Cable Laid Flax Furniture Twine, Gray, in ¼ lb. Balls,	"	0 53

Three pounds in a package.

Flax Sail or Sacking Twine.

No. 31, 6-Ply, Gray Sail Twine, in Skeins,	per pound,	$0 38

Twelve pounds in a package.

Bag Twine.

2-Ply Russia Bag Twine, in ¼ lb. Balls,	per pound,	$0 33
3-Ply Russia Bag Twine, in ¼ lb. Balls,	"	0 37
Hard Laid Cotton Bag Twine, in ¼ lb. Balls,	"	0 50
No. 44B, Cable Laid, Bleached Flax Bag Twine, in ¼ lb. Balls,	"	0 45

In five and ten pound packages.

We do not guarantee weights.

Silver Lake Solid Braided Sash Cord.

Hank of Silver Lake Sash Cord.

White Cotton.

Nos.	6	7	8	9
Diameter,	6-32	7-32	8-32	9-32 inch.
Length per pound,	66	55	46	40 feet.
A quality,				per pound, $0 75
C quality,				" 0 60

Hundred feet in each Hank, two Hanks joined together.

One dozen hanks in a bundle. Also in ten pound coils.

"Baltic" or "Crescent."

Italian Hemp, 8-32 inch, - - - - - per pound, $0 40

Ten pounds in a coil.

Assorted Sash Cord.

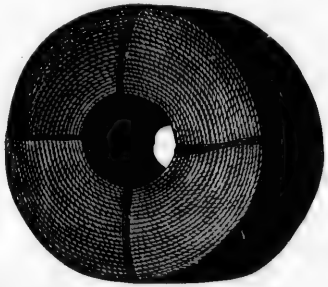
No. 1, Cable Laid Russia Hemp, 8-32 inch, - - - per pound, $0 37
No. 2, Cable Laid Russia Hemp, 8-32 inch, - - " 0 30
No. 1, Cable Laid Bleached Flax, 7-32 and 8-32 inch, - - " 0 37

Twenty-five pounds in a coil.

No. 4, Austin's Jute Sash Cord, - - - per gross, $2 00
No. 5, Austin's Jute Sash Cord, - - - - " 2 85

Half gross in a package.

Cordage.



Russia Hemp Deep Sea Line, 8-32 inch,	per pound,	$0 22
Russia Hemp Halyard, 7-32 inch,	"	0 30
White Cotton Rope, 6, 8 and 10-32 inch,	"	0 35

About 25 pounds in a coil.

Hay or Leather Rope.

Sisal Two and Three Ply,	per pound,	$

25 and 50 pound coils.

Tarred Rope.

Dry Tarred Lath Yarn,	per pound,	$

About 50 pounds in a coil.

Tarred Marline.

Tarred Marline,	per pound,	$0 20

Twelve hanks, one pound each, in a bundle.

Bed Cords.

Sisal Bed Cords, 60 feet,	per dozen,	$1 20
Sisal Bed Cords, 72 feet,	"	1 50
Russia Hemp Bed Cords, 60 feet,	"	3 00
Russia Hemp Bed Cords, 72 feet,	"	3 40

Plow Lines.

Russia Hemp Plow Lines, Medium, 42 feet long,	per dozen,	$3 00
Russia Hemp Plow Lines, Heavy, 42 feet long,	"	3 75
White Cotton Plow Lines, 42 feet long,	"	3 00
Bleached Flax Plow Lines, 45 feet long, with German Snap,	"	5 65

One dozen in a bundle.

Garden Lines.

Russia Hemp Garden Lines, 40 feet long,	per dozen,	$1 20

One dozen in a bundle.

Sisal and Manilla Rope.

Sisal, all sizes, - - - - - - **per pound, $**
Mixed Manilla, - - - - - - - **"**
Pure Manilla, - - - - - - - **"**

In ordering please state if half or full coils are wanted.

In half or full coils.

Diameter, Circumference, Weight, &c., of Manilla and Sisal Rope.

Size.	Circumference.	Weight per 100 ft.	Feet in one pound.	Average weight of full coils.	Average number of ft. in a full coil.	Strain borne by new Manilla Ropes.
Inches.	Inches.	Pounds.	Feet.	Pounds.	Pounds.	Pounds.
$\frac{1}{4}$	$\frac{3}{4}$	3	38	40	1500	450
$\frac{5}{16}$	1	$3\frac{1}{2}$	28	45	1280	750
$\frac{3}{8}$	$1\frac{1}{8}$	5	20	33	660	900
$\frac{7}{16}$	$1\frac{3}{8}$	6	17	40	680	1250
$\frac{1}{2}$	$1\frac{1}{2}$	$7\frac{1}{2}$	$13\frac{1}{3}$	60	810	1700
$\frac{5}{8}$	2	13	$7\frac{1}{2}$	110	825	3000
$\frac{3}{4}$	$2\frac{1}{4}$	17	6	130	780	4000
$\frac{7}{8}$	$2\frac{3}{4}$	25	4	190	760	6000
1	3	30	$3\frac{1}{3}$	230	775	7000
$1\frac{1}{8}$	$3\frac{1}{8}$	40	$2\frac{1}{2}$	300	750	9500
$1\frac{1}{4}$	$3\frac{3}{4}$	46	$2\frac{1}{6}$	375	815	11000
$1\frac{3}{8}$	$4\frac{1}{4}$	67	$1\frac{1}{2}$	510	765	16000
$1\frac{1}{2}$	$4\frac{1}{2}$	90	1	700	700	24000
$1\frac{3}{4}$	$5\frac{1}{2}$	120	10 in.	950	790	27000
2	6	160	$7\frac{1}{2}$ in.	1150	720	37000
$2\frac{1}{4}$	$6\frac{3}{4}$	185	$6\frac{1}{2}$ in.	1375	740	42500
$2\frac{1}{2}$	$7\frac{1}{2}$	264	$4\frac{1}{2}$ in.	2000	750	67000
3	9					

The relative strength of Manilla to Sisal is about as 7 is to 5. For ropes in use deduct one-half from these figures to allow for chafing, etc. For weight of Tarred Rope, add 25 per cent. to the weight of ordinary.

Hemp and Soap Stone Packing.

Jute Packing,	per pound,	$0 13½
Russia Packing,	"	0 18
Italian Packing,	"	0 25
Cotton Soap Stone, Packing, 3, 4, 5 and 6-8,	"	0 22½

Jute, Russia and Italian about 30 pounds in a coil.

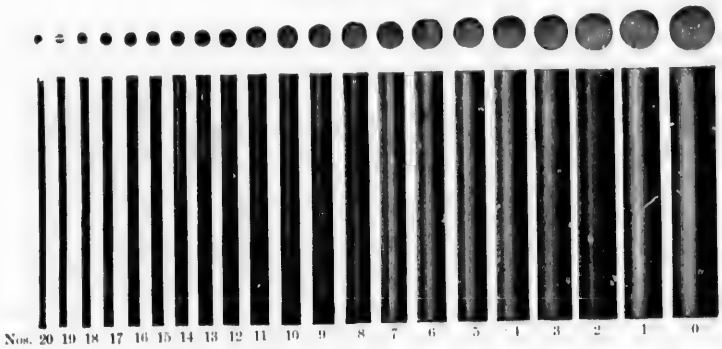
Shoe Thread.

Barbours' Shoe Thread.

Nos.	8	10	15	20
Per pound,	$0 75	0 82	0 96	1 02

Eight balls in a box of one pound. Three pounds in a package.

Iron Wire.



Galvanized Fencing Wire.

Nos.	7	8	9	10	11	12	13	14
Per hundred pounds,	$5 25	5 25	5 50	5 75	6 00	6 25	6 75	7 25

Oiled Annealed Fencing Wire.

Nos.	8	9	10	11	12	13	14
Per hundred pounds,	$4 00	4 25	4 50	4 75	5 00	5 50	6 00

Fifty pounds in a bundle.

Annealed or Stove Pipe Wire.

Nos.	17	18	19
Per pound,	$0 10	0 11	0 12

Quarter pound in a ring, fourteen pounds in a bundle.

Sizes, Weights and Lengths of Iron Wire.

No.	Diameter, Inches.	Pounds in 100 yards.	Pounds in 1 mile.	Feet in 1 Bundle. of 50 lbs.	Feet in 1 cwt.	No.	Diameter, Inches.	Pounds in 100 yards.	Pounds in 1 mile.	Feet in 1 bundle. of 50 lbs.	Feet in 1 cwt.
0	0.331	84.72	1490	60	132	11	0.125	11.95	211	423	939
1	0.300	68.75	1210	73	162	12	0.110	9.29	163	560	1244
2	0.280	59.90	1054	84	187	13	0.095	7.02	124	714	1519
3	0.260	51.65	909	97	215	14	0.085	5.51	97	914	2031
4	0.240	44.00	775	115	255	15	0.075	4.29	76	1174	2608
5	0.220	37.00	651	136	303	16	0.065	3.22	57	1584	3473
6	0.200	30.56	538	162	361	17	0.057	2.48	44	2032	4515
7	0.185	26.15	461	191	428	18	0.050	1.91	34	2520	5600
8	0.170	22.10	389	228	509	19	0.045	1.55	27	3268	7246
9	0.155	18.36	323	272	609	20	0.040	1.22	21	3930	9168
10	0.140	14.97	264	336	747						

Brass, Copper and other Wire.

Cut showing how the Wire is packed.

Wire on Spool.

Soft Copper Wire on Spools.

Nos.	16	18	20	22
Quarter pound Spools, assorted Nos.,	-	-	-	per dozen, $1 80

Brass Spring Wire on Spools.

Nos.	16	18	20	22
Quarter pound Spools, assorted Nos.,	-	-	-	per dozen, $1 80

One dozen spools in a box.

Brass, Copper and other Wire.

Hair Wire on Spools.

Plain Hair Wire, assorted, Nos. 28 to 33,	**per dozen,**	**$0 30**
Silvered Hair Wire, assorted, Nos. 28 to 33,	**"**	**0 38**

Two hundred feet on a spool; one dozen spools in a box.

Brass Spring Wire in Bundles.

Nos.	**10**	**11**	**12**	**13**	**14**	**15**	**16**	**17**	**18**	**19**	**20**	**21**	**22**	**24**
Per pound,	**$0 35**	**0 35**	**0 35**	**0 35**	**0 35**	**0 35**	**0 35**	**0 35**	**0 35**	**0 35**	**0 35**	**0 38**	**0 40**	**0 42**

In small coils.

Soft Copper Wire in Bundles.

Nos.	**12**	**13**	**14**	**15**	**16**	**17**	**18**	**19**	**20**	**21**	**22**
Per pound,	**$0 43**	**0 43**	**0 43**	**0 43**	**0 43**	**0 43**	**0 43**	**0 43**	**0 43**	**0 46**	**0 48**

In small coils.

Soft Brass Snaring Wire.

No. 24, in Small Rings, - - - - - per pound, $0 45

One ounce in a ring, one pound in a bundle.

Weights of 1000 Feet of Brass and Copper Wire.

Nos.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	
Brass,	240	190	151	120	95	75	60	47	37	30	24	19	15	12	9	7½	6	5	4	3	2½	2	lbs.
Copper,	253	201	159	126	100	79	63	50	40	32	25½	20	16	13	9½	8	6½	5¼	4¼	3⅛	2⅝	2	lbs.

Galvanized Wire Clothes Lines.

Nos. 19 18 17

100 Feet Coils.

No. 17, Seven Strands of No. 17 Galvanized Wire, - - per dozen, $7 80
No. 18, Seven Strands of No. 18 Galvanized Wire, - " 6 30
No. 19, Seven Strands of No. 10 Galvanized Wire, - - " 4 70

50 Feet Coils.

No. 17, Seven Strands of No. 17 Galvanized Wire, - - per dozen, $4 00
No. 18, Seven Strands of No. 18 Galvanized Wire, . " 3 20
No. 19, Seven Strands of No. 19 Galvanized Wire, - - " 2 40

Patent Steel Barb Fencing.

Four Pointed.

Buckthorn.

Galvanized Four Pointed, - - - - - per pound, $
Galvanized Buckthorn, - - "

In ordering four pointed please state if four or six inch between barbs is wanted.

50 to 150 pounds on a spool.

TABLE OF WEIGHTS.

Showing estimated number of pounds of Four Pointed Barb Wire required to fence space or distances mentioned, with one, two, three, four or five lines.

	One Line of Wire.	Two Lines of Wire.	Three Lines of Wire.	Four Lines of Wire.	Five Lines of Wire.
One Rod in Length	$1\frac{1}{8}$ lbs.	$2\frac{1}{4}$ lbs.	$3\frac{3}{8}$ lbs.	$4\frac{1}{2}$ lbs.	$5\frac{5}{8}$ lbs.
One Hundred Feet in Length	7 "	14 "	21 "	28 "	35 "
One Hundred Rods in Length	$112\frac{1}{2}$ "	225 "	$337\frac{1}{2}$ "	450 "	$562\frac{1}{2}$ "
One Mile	360 "	720 "	1,080 "	1,440 "	1,800 "
One Square Mile	1,440 "	2,880 "	4,320 "	5,760 "	7,200 "
One Side of One Square Mile	360 "	720 "	1,080 "	1,440 "	1,800 "
One Square Acre	57 "	114 "	171 "	228 "	285 "
One Square Half-Acre	43 "	86 "	128 "	171 "	214 "

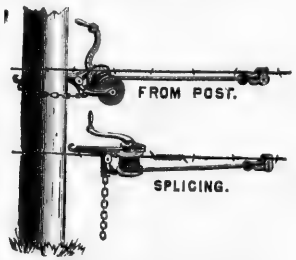
REQUIRED FOR EACH STRAND OF WIRE FOR ONE MILE OF FENCE.

When Posts are placed apart, feet	8	10	12	$16\frac{1}{2}$	20	25	30	33
Number of Posts	660	528	440	320	264	212	176	160
Pounds of Staples	$7\frac{1}{4}$	$5\frac{3}{4}$	$4\frac{3}{4}$	$3\frac{1}{2}$	3	$2\frac{1}{4}$	2	$1\frac{3}{4}$
Pounds of Wire	360	360	360	360	360	360	360	360

One rod of Buckthorn weighs $1\frac{1}{4}$ lbs., or about one-eighth heavier than the Four Pointed.

Wire Stretchers.

Little Giant.



"Little Giant" Wire Stretcher, with Chain Attachment, - per dozen, $14 40
"Little Giant Junior" Wire Stretcher, with Rope Attachment, - " 12 00

This is said to be the simplest and best Stretcher in the market.

Babbitt Metal.

Ontario Babbitt Metal, - - - - per pound, $0 14
No. 2, Babbitt Metal, - - - - - " 0 25
No. 1, Babbitt Metal, - - - - " 0 30

About six pounds in a bar.

Solder.

No. XXX, Strictly half-and-half, - - - per pound, $0 30

Lead.

Bar Lead, - - - - - per pound, $0 07

Sheet Zinc.

No. 8 Sheet Zinc, - - - -	per pound, $0 07
No. 9 Sheet Zinc, - - - - -	" 0 07½

About 500 pounds in a cask.

Weights of Sheet Zinc.

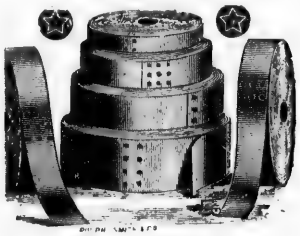
Nos.	6	7	8	9	10	11	12
Ounces per square foot,	7	8	9	10	11	13	15
Pounds per sheet,	9	10½	12	13½	15	17	20

Size of Sheets, 84x36 inches.

Borax.

Wood's Refined Borax, - - - - per pound, $0 25

Leather Belting.



Canadian List.

Inch,	1	1¼	1½	1¾	2	2¼	2½	3	3½	4	4½	5
Per foot,	$0 07½	9½	11½	13	15	17½	20	25	30	35	40	45
Inch,	5½	6	7	8	9	10	11	12	13	14	15	16
Per foot,	$0 50	55	65	75	85	95	1 07	1 20	1 32	1 44	1 56	1 70
Inch,		17	18	19	20	22	24	26	28	30	36	40
Per foot,		$1 82	1 95	2 07	2 20	2 45	2 75	3 00	3 25	3 50	4 25	5 00

American List.

Inch,	1	1½	2	2½	3	3½	4	4½	5	5½	6	7
Per foot,	$0 09	15	21	27	33	39	45	51	57	63	69	81
Inch,	8	9	10	11	12	13	14	15	16	17	18	19
Per foot,	$0 93	1 05	1 17	1 29	1 41	1 53	1 65	1 80	1 94	2 10	2 26	2 42
Inch,	20	21	22	24	26	28	30	32	34	36	40	44	48
Per foot,	$2 58	2 74	2 90	3 22	3 56	3 90	4 22	4 54	4 86	5 18	5 82	6 46	7 10

Double Belts, double price.

Lace Leather.

Assorted Sides, 2½ to 5 pounds each, - - - per pound, $1 00

per pound, $0 07
" 0 07½

11	12
13	15
17	20

per pound, $0 25

4	4½	5
35	40	45
14	15	16
1 44	1 56	1 70
30	36	40
3 50	4 25	5 00

5½	6	7
63	69	81
17	18	19
2 10	2 26	2 42
6 40	44	48
18 5 82	6 46	7 10

per pound, $1 00

Rubber Belting.

STANDARD LIST.

Two Ply.

(For Agricultural Machines and other light work.)

1 inch,	per foot	$0 07	9 inch,	per foot	$0 67
1¼ inch,	"	0 09	10 inch,	"	0 75
1½ inch,	"	0 11	11 inch,	"	0 83
2 inch,	"	0 15	12 inch,	"	0 91
2½ inch,	"	0 18	13 inch,	"	1 00
3 inch,	"	0 22	14 inch,	"	1 08
3½ inch,	"	0 26	15 inch,	"	1 16
4 inch,	"	0 30	16 inch,	"	1 25
4½ inch,	"	0 33	18 inch,	"	1 41
5 inch,	"	0 36	20 inch,	"	1 58
6 inch,	"	0 43	22 inch,	"	1 76
7 inch,	"	0 51	24 inch,	"	1 96
8 inch,	"	0 59			

Three Ply.

2 inch,	per foot	$0 17	11 inch,	per foot	$1 00
2½ inch,	"	0 22	12 inch,	"	1 08
3 inch,	"	0 26	13 inch,	"	1 18
3½ inch,	"	0 30	14 inch,	"	1 28
4 inch,	"	0 34	15 inch,	"	1 38
4½ inch,	"	0 39	16 inch,	"	1 50
5 inch,	"	0 43	18 inch,	"	1 70
6 inch,	"	0 52	20 inch,	"	1 90
7 inch,	"	0 60	22 inch,	"	2 12
8 inch,	"	0 70	24 inch,	"	2 36
9 inch,	"	0 80	26 inch,	"	2 60
10 inch,	"	0 90	28 inch,	"	2 84

Four Ply.

2 inch,	per foot	$0 21	16 inch,	per foot	$1 78
2½ inch,	"	0 26	18 inch,	"	2 02
3 inch,	"	0 31	20 inch,	"	2 26
3½ inch,	"	0 37	22 inch,	"	2 52
4 inch,	"	0 42	24 inch,	"	2 80
4½ inch,	"	0 47	26 inch,	"	3 08
5 inch,	"	0 52	28 inch,	"	3 36
6 inch,	"	0 62	30 inch,	"	3 64
7 inch,	"	0 73	32 inch,	"	3 92
8 inch,	"	0 84	34 inch,	"	4 20
9 inch,	"	0 95	36 inch,	"	4 48
10 inch,	"	1 07	38 inch,	"	4 76
11 inch,	"	1 18	40 inch,	"	5 04
12 inch,	"	1 30	42 inch,	"	5 32
13 inch,	"	1 42	44 inch,	"	5 60
14 inch,	"	1 54	46 inch,	"	5 88
15 inch,	"	1 66	48 inch,	"	6 16

Intermediate widths at proportionate prices. Five and six-ply belts made to order for purposes where great strength is required, as a substitute for double leather. For five-ply add twenty-five per cent. to four-ply list, for six-ply add fifty per cent. to four-ply list.

In ordering please state quality wanted.

Rubber Packing.

Cloth insertion, Cloth on one side or on both sides.

Thickness, inch,	1-64	1-32	2-32	3-32	4-32	6-32	8-32
One-ply, per pound,	$0 60	0 60	0 60	0 55	0 55		
Two-ply, "			0 63	0 58	0 58	0 58	0 58
Three-ply, "			0 66	0 61	0 61	0 61	0 61
Four-ply, "					0 64	0 64	0 64

One-ply of cloth to every 2-32 inch thickness. Each cloth, whether inserted or on outside, counts one-ply. Three cents per pound additional for each extra ply of cloth.

Rubber Hose.

STANDARD LIST.

Two Ply.				Three Ply.				Four Ply.			
Int. Diam.		*Int. Diam.*		*Int. Diam.*		*Int. Diam.*		*Int. Diam.*		*Int. Diam.*	
½ inch, per foot,	$0 20	2½ inch, per foot,	$0 92	½ inch, per foot,	$0 25	2½ inch, per foot,	$0 90	½ inch, per foot,	$0 30	2½ inch, per foot,	$1 12
¾ inch, "	0 25	3 inch, "	0 99	¾ inch, "	0 30	2½ inch, "	1 00	¾ inch, "	0 37	2½ inch, "	1 25
1 inch, "	0 33	4 inch, "	1 32	1 inch, "	0 40	2¾ inch, "	1 10	1 inch, "	0 50	2¾ inch, "	1 37
1¼ inch, "	0 42	5 inch, "	1 65	1¼ inch, "	0 50	3 inch, "	1 20	1¼ inch, "	0 62	3 inch, "	1 50
1½ inch, "	0 50	6 inch, "	1 98	1½ inch, "	0 60	3½ inch, "	1 40	1½ inch, "	0 75	3½ inch, "	1 75
1¾ inch, "	0 58	7 inch, "	2 31	1¾ inch, "	0 70	4 inch, "	1 60	1¾ inch, "	0 87	4 inch, "	2 00
2 inch, "	0 66	8 inch, "	2 64	2 inch, "	0 80			2 inch, "	1 00		
2¼ inch, "	0 75	9 inch, "	2 97								
2½ inch, "	0 83	10 inch, "	3 33								

In fifty and hundred feet lengths.

Hose Reels.

Magic Hose Reels, with Drum, - - - - each, $4 50

Hose Branch, with Cock.

Fig 618.

Size of Coupling, inch,	¾	1
Finished, Straight Stream, each,	$1 00	1 50

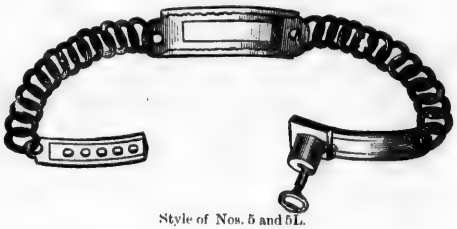
For half and three-quarters inch hose.

Hose Couplings. Fig 625.

Size of Hose, inch,	½	¾
Each,	$0 20	0 20

In ordering Nozzles and Couplings please give figure number.

Chain Dog Collars.



Style of Nos. 5 and 5L.

No. 5, Single Polished Curb Chain with Lock, Assorted, 7 to 11 inch, per dozen, $3 60
No. 5L, Single Polished Curb Chain with Lock, Assorted, 11 to 15 inch, " 3 60

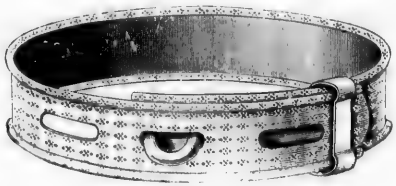
One dozen in a package.

Style of No. 50, 62, 66, 599, 602, 50F and 55F.

No. 50, Nickel-Plated Chain, ½ inch wide, Assorted, 9 to 14 inch, per dozen, $3 75
No. 62, Nickel-Plated Chain, ¾ inch wide, Assorted, 11 to 17 inch, " 6 60
No. 66, Nickel-Plated Chain, 1 inch wide, Assorted, 15 to 21 inch, " 10 50
No. 599, Nickeled and Gilt Chain, ½ inch wide, Assorted, 10 to 16 in., " 6 00
No. 602, Nickeled and Gilt Chain, ¾ inch wide, Assorted, 11 to 17 in., " 7 90
No. 50F, Nickel-Plated Chain, Lined with Russet Leather Stitched to Felt, ½ inch wide, Assorted, 10 to 16 inch, - - - - per dozen, 5 25
No. 55F, Nickel-Plated Chain, Lined with Russet Leather Stitched to Felt, ¾ inch wide, Assorted, 11 to 17 inch, - - - - per dozen, 10 30

One dozen in a box.

Dog Collars.



Style of Nos. 0, 1 and 3.

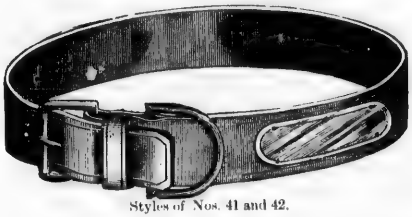
Fancy Gilt and Plain Brass.

No. 0, Fancy Gilt, 9-16 inch wide, Assorted, $2\frac{1}{4}$ to 3 inch, -	per dozen,	$3 00
No. 1, Fancy Gilt, 11-16 inch wide, Assorted, 3 to 4 inch, -	"	3 30
No. 3, Fancy Gilt, 13-16 inch wide, Assorted, 4 to 5 inch, -	"	5 25
No. 34, Plain Brass, $1\frac{1}{8}$ inch wide, Assorted, 5 to 6 inch, -	"	7 65
No. 35, Plain Brass with Teeth, $1\frac{1}{2}$ inch wide, Assorted, 6 to 7 inch,	"	11 00

Fancy Nickel-Plated.

No. 0, Fancy Nickel-Plated, 9-16 inch wide, Assorted, $2\frac{1}{4}$ to 3 inch,	per dozen,	$4 30
No. 1, Fancy Nickel-Plated, 11-16 inch wide, Assorted, 3 to 4 inch,	"	4 65
No. 3, Fancy Nickel-Plated, 13-16 inch wide, Assorted, 4 to 5 inch,	"	7 95

One dozen in a box.



Styles of Nos. 41 and 42.

Plain Leather, with Brass Plate, Ring and Buckle.

No. 41, Russet Leather, 1 inch wide, Assorted, 17 to 20 inch, -	per dozen,	$3 15
No. 42, Russet Leather, $1\frac{1}{8}$ inch wide, Assorted, 18 to 21 inch,	"	4 20

One dozen in a package.

per dozen, $3 00
" 3 30
" 5 25
" 7 65
" 11 00

per dozen, $4 30
" 4 65
" 7 95

e.

per dozen, $3 15
" 4 20

Revolvers.

SMITH & WESSON'S.

Full Size Cuts of Cartridges.

Single Action. Full Nickel-Plated, Rubber Stock, Automatic Ejector.

No. 32, Single Action, Five Shot, 32 Calibre, Central Fire, Three inch Barrel, Weighs fourteen ounces, - - - - each, $16 00

No. 38, Single Action, Five Shot, 38 Calibre, Central Fire, Three and quarter inch barrel, Weighs eighteen ounces, - - - each, 18 80

No. 38 is also made with 4 and 5 inch barrels. We can supply these on short notice at an advance over 3¼ inch of 35 cents and 80 cents net, each, respectively.

Full Size Cuts of Cartridges.

Double Action. Full Nickel-Plated, Rubber Stock, Automatic Ejector.

No. 32, Double Action, Five Shot, 32 Calibre, Central Fire, Three inch barrel, Weighs fourteen ounces, - - - - each, $18 70

No. 38, Double Action, Five Shot, 38 Calibre, Central Fire, Three and quarter inch barrel, Weighs eighteen ounces, - - - each, 20 80

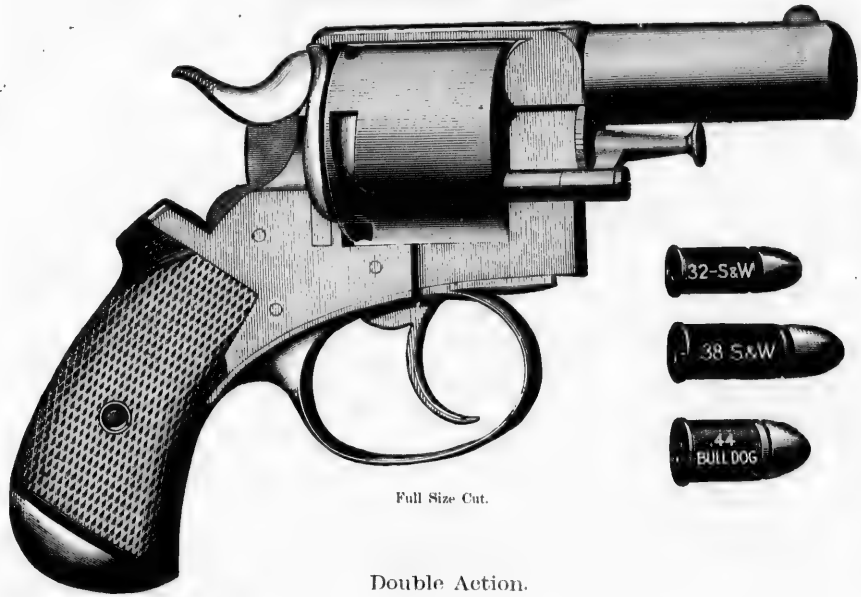
No. 38 is also made with 4 and 5 inch barrels. We can supply these on short notice at an advance over 3¼ inch of 35 cents and 80 cents net, each, respectively.

We can also supply No. 44 calibre when required.

One in a box.

Revolvers.

Improved British Bull Dog.



Full Size Cut.

Double Action.

Full Nickel-Plated, Black Stock, Rebounding Hammer.

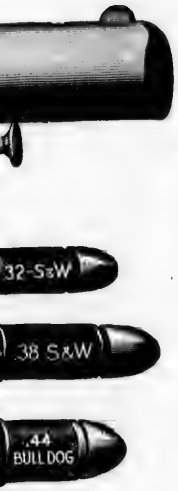
No. 32, Double Action, Five Shot, 32 Calibre, Central Fire, two inch Barrel, weighs ten ounces, - - - - each, $3 30

No. 38, Double Action, Five Shot, 38 Calibre, Central Fire, two inch Barrel, weighs fourteen ounces, - - - - each, 3 30

No. 44, Double Action, Five Shot, 44 Calibre, Central Fire, two inch Barrel, weighs sixteen ounces, - - - - each, 4 50

No. 32, 38 and 44, S. & W. C. F. Cartridges will suit these Revolvers.

One in a box.



mer.

nch Barrel,
- each, $3 30
nch Barrel,
- each, 3 30
nch Barrel,
- each, 4 50

Ma & L. Bauer, Dorman & Co.

Revolvers.

X. L. No. 3.

Saw Handle.

Double Action.

Full Nickel-Plated, weighs Eleven Ounces.

No. 3, Double Action, Five Shot, 32 Calibre, Central Fire, Rubber Stock, each, $6 00

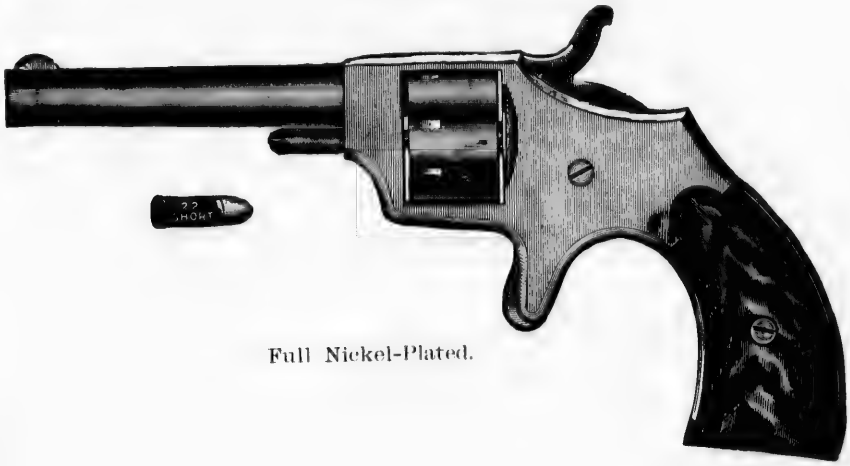
No. 32, S. & W. C.F. Cartridges will suit No. 3 X. L.

One in a box.

Revolvers.

BLUE JACKET, No. 3.

Saw Handle.



Full Nickel-Plated.

No. 1, Seven Shot, 22 Calibre, Short Rim Fire, Wood Stock, weighs Seven Ounces, each, $1 35

No. 1, Seven Shot, 22 Calibre, Long Rim Fire, Rubber Stock, weighs Eight Ounces, each, 1 55

n Ounces,
each, $1 35
t Ounces,
each, 1 55

Revolvers.

BLUE JACKET, No. 1½.

Saw Handle.

Full Nickel-Plated, weighs Eight Ounces.

No. 1½, Seven Shot, 22 Calibre, Long Rim Fire, Rubber Stock,	each,	$2 05
No. 1½, Seven Shot, 22 Calibre, Long Rim Fire, Enamelled and Engraved, Rubber Stock,	each,	2 40
No. 1½, Seven Shot, 22 Calibre, Long Rim Fire, Fancy Stock,	"	3 00
No. 1½, Seven Shot, 22 Calibre, Long Rim Fire, Pearl Stock,	"	4 50

No. 22 Short or Long Rim Fire Cartridges will suit No. 1½ Blue Jacket.

One in a box.

Revolvers.

DICTATOR No. 2
Saw Handle.

Full Nickel-Plated, weighs Eleven Ounces.

No. 2, Five Shot, 32 Calibre, Long Rim Fire, Wood Stock,	each,	$2 25
No. 2, Five Shot, 32 Calibre, Long Rim Fire, Rubber Stock,	"	2 50

No. 32 [illegible] Long Rim Fire Cartridge will suit No. 2 Dictator

One in a box.

Revolvers.

RANGER No. 2.

Saw Handle.

Full Nickel-Plated, weighs Twelve Ounces.

No. 2, Five Shot, 32 Calibre, Long Rim Fire, Rubber Stock,	each,	$3 00
No. 2, Five Shot, 32 Calibre, Long Rim Fire, Fancy Stock,	"	4 00
No, 2, Five Shot, 32 Calibre, Long Rim Fire, Pearl Stock,	"	6 00

No. 32 Short or Long Rim Fire Cartridges will suit No. 2 Ranger.

One in a box.

Revolvers.

BLUE JACKET No. 2.

Saw Handle.

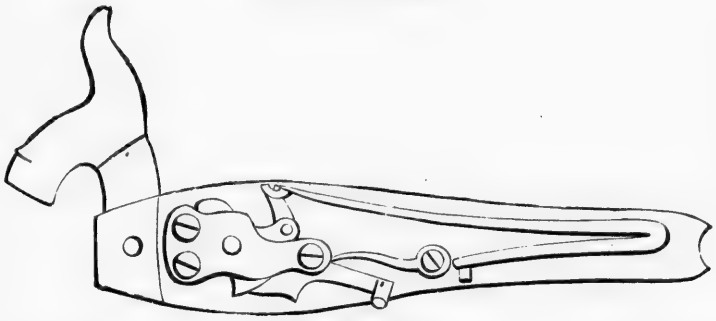
Full Nickel-Plated, weighs Twelve Ounces.

No. 2, Five Shot, 32 Calibre, Long Rim Fire, Rubber Stock, -	each,	$4 65
No. 2, Five Shot, 32 Calibre, Long Rim Fire, Fancy Stock, - -	"	5 65
No. 2, Five Shot, 32 Calibre, Long Rim Fire, Pearl Stock, -	"	8 25
No. 2, Five Shot, 32 Calibre, Long Rim Fire, Enamelled and Engraved Rubber Stock, - - - - - - -	each,	6 30

No. 32 Short or Long Rim Fire Cartridges will suit No. 2 Blue Jacket.

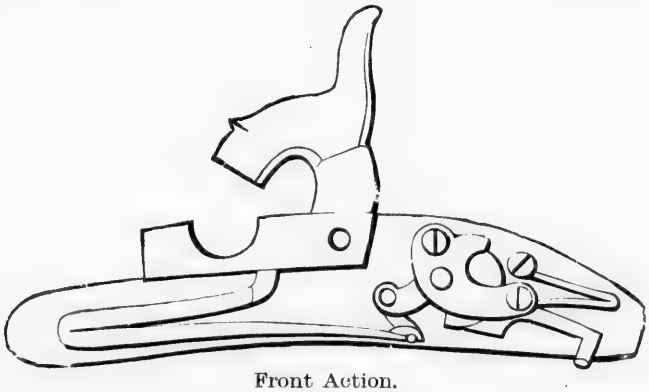
One in a box.

Gun Locks.



Back Action.

Polished and Engraved, - - - - - per dozen, $10 15



Front Action.

Polished and Engraved, - - - per dozen, $9 45

Half dozen in a box.

Gun Lock Hammer and Screws.

Hammer.

Screw.

Polished Gun Lock Hammers, - - - - per dozen, $1 60
Polished Head Gun Lock Screws, - - - per gross, 2 25

Gun and Musket Nipples.

No. 3.

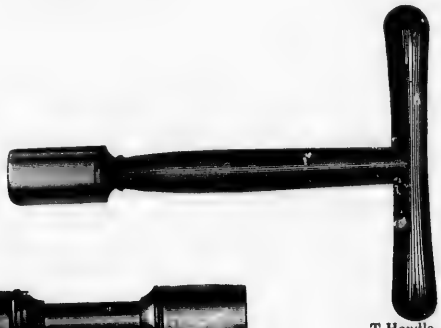
No. 4.

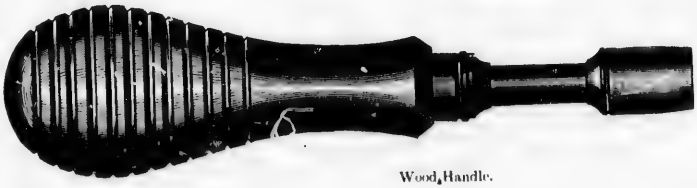
No. 40.

No. 3,	Blued Gun Nipples, Fair Quality, Assorted Sizes, Four Sided,	per gross,	$2 80
No. 4,	Blued Gun Nipples, Best Quality, Assorted Sizes, Four Sided,	"	9 40
No. 40,	Blued Musket Nipples, Assorted Sizes, Four Sided, -	"	4 90

Quarter gross in a tin box.

Nipple Wrenches.


T Handle.


Wood Handle.

T Handle, Steel Nipple Wrench, - - -	per dozen,	$2 10
Wood Handle Nipple Wrench, - - -	"	1 75

One dozen in a box.

er gross, $2 80
" 9 40
" 4 90

T Handle.

per dozen, $2 10
" 1 75

Hamilton Powder Co.'s Powder.

Gun and Rifle Powder.

FF Powder,	per keg,	$7 50
FFF Powder,	"	7 90
Canada Rifle Powder Nos. 4, 5, 6 and 7,	"	11 25

Twenty-five pounds in a wood keg.

Ducking Powder.

Ducking Powder,	per keg,	$4 50

Six and a quarter pounds in a keg.

Four iron kegs in a case.

Blasting Powder.

Blasting Powder,	per keg,	$4 90

Twenty-five pounds in a wood keg.

In ordering Canada Rifle, please state size or number wanted.

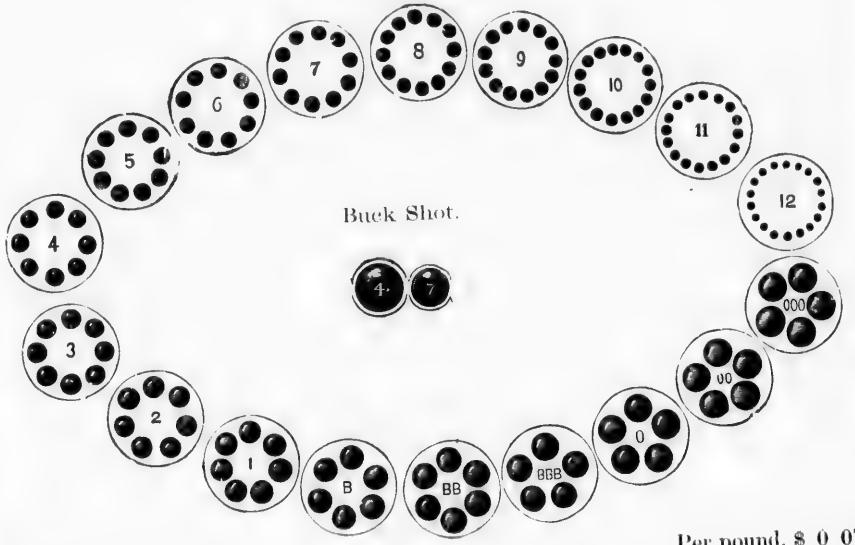
Safety Fuse.

Common Hemp,	per thousand,	$6 00
Single Tape,	"	9 00
Double Tape,	"	13 50

Twenty-five feet in a piece.

Shot.

Drop Shot.



Drop Shot, - - - - - - - Per pound, $ 0 07½

Buck Shot, - - - - - - - " 0 09

25 pounds in a bag.

TABLE SHOWING SIZES AND WEIGHT OF SHOT.

DROP SHOT. Number.	Scale Diameter in Inches.	Number of Pellets to an oz.	DROP SHOT. Number.	Scale Diameter in Inches.	Number of Pellets to an oz.	BUCK SHOT. Number.	Scale Diameter in Inches.	Number of Pellets to a Pound.
BBB	$\frac{19}{100}$	46	6	$\frac{11}{100}$	252	4 or S.S.G.,	$\frac{32}{100}$	135
BB	$\frac{18}{100}$	53	7	$\frac{10}{100}$	306	7 or S.G.,	$\frac{28}{100}$	207
B	$\frac{17}{100}$	63	8	$\frac{9}{100}$	426			
1	$\frac{16}{100}$	79	9	$\frac{8}{100}$	584			
2	$\frac{15}{100}$	98	10	$\frac{7}{100}$	981			
3	$\frac{14}{100}$	116	11	$\frac{6}{100}$	1603			
4	$\frac{13}{100}$	163	12	$\frac{5}{100}$	2305			
5	$\frac{12}{100}$	181						

Gun Wads.

Eley's Black Edge.				Cardboard.		Eley's Pink Edge.		
Nos.	8,	9 and 10,	11 to 16 Nos.	10	12 Nos.	10	12
Per M.,	$1 35	1 20	1 05	Per M., $0 40	0 35	Per M., $2 25	1 80
Quarter thousand in a box.				*One thousand in a box.*		*Quarter thousand in a box.*	

Brown Felt Wads, Nos. 10 and 12, - - - - per pound, $1 30

Half pound in a bag.

er pound, $ 0 07½
" 0 09

T.

CK SHOT.

Scale Diameter in Inches.	Number of Pellets to a Pound.
32/100	135
28/100	207

's Pink Edge.

	10	12
	$2 25	1 80

thousand in a box.

per pound, $1 30

Rim Fire Cartridges.

Central Fire Cartridges.

Rim Fire Cartridges.

DESCRIPTION.	Per Thousand.	Case Contains.	Quantity of Powder.	Weight of Ball.
No. 22 BB Caps, adapted to all Gallery Rifles	$4 00	10 M.		
No. 22 Blank, adapted to Toy Pistols and all Revolvers of this calibre	5 00	10 M.	3 grs.	
No. 22 Short, adapted to all Revolvers of this calibre	5 00	10 M.	3 grs.	30 grs.
No. 22 Long, adapted to long cylindered Revolvers and to Rifles of this calibre	6 00	10 M.	5 grs.	30 grs.
No. 30 Short, adapted to all Pistols and Rifles of this calibre	9 00	5 M.	7 grs.	60 grs.
No. 30 Long, adapted to Colts, and other Pistols and Rifles of this calibre.	10 50	5 M.	9 grs.	60 grs.
No. 32 Extra Short, adapted to Revolvers of this calibre	10 00	5 M.	5½ grs.	60 grs.
No. 32 Short, adapted to Revolvers and Single Shot Pistols of this calibre.	10 00	5 M.	9 grs.	77 grs.
No. 32 Long, adapted to long cylindered Revolvers and all Rifles of this calibre	11 50	2½ M.	12 grs.	90 grs.
No. 38 Short, adapted to all Revolvers and Rifles of this calibre	16 00	2½ M.	17 grs.	124 grs.
No. 38 Long, adapted to all Rifles of this calibre	18 00	2½ M.	20 grs.	140 grs.
No. 38 Extra, Long, adapted to all Rifles of this calibre	25 00	2 M.	32 grs.	110 grs.
No. 41 Short, adapted to all Revolvers and Pistols of this calibre	15 00	2½ M.	12 grs.	130 grs.
No. 41 Long, adapted to Revolvers and Pistols of this calibre	17 50	2½ M.	13 grs.	167 grs.
No. 44 Short, adapted to Bulldog and all other Revolvers and Pistols	23 00	2 M.	17 grs.	210 grs.
No. 44 Long, adapted to all long cylindered Revolvers and Rifles of this calibre	25 00	2 M.	28 grs.	210 grs.
No. 44 Henry Flat, adapted to Henry and Winchester Model 1866, Rifles and Colts' Revolvers	24 00	2 M.	25 grs.	200 grs.
No. 44 Henry Pointed, adapted to Henry and Winchester Model 1866, and other Rifles and Colts' Revolvers	25 00	2 M.	22 grs.	210 grs.
No. 44 Extra Long, adapted to all Rifles of this calibre	36 00	2 M.	33 grs.	250 grs.
No. 46 Rifle, adapted to Remington and other Rifles	33 00	2 M.	40 grs.	300 grs.
No. 56-50 Adapted to Spencer, Remington, Sharp and other Rifles, and Carbines	40 00	1.008	43 grs.	350 grs.
No. 56-60 Adapted to Spencer, Bollard and Joslyme Carbines	40 00	1.008	43 grs.	370 grs.

Central Fire Cartridges, Pistol Sizes.

DESCRIPTION.	Per Thousand.	Case Contains.	Quantity of Powder.	Weight of Ball.
No. 32 Smith & Wesson, adapted to Smith & Wesson's and British Bull Dog Revolvers	$11 00	5 M.	8 grs.	88 grs.
No. 38 Smith & Wesson, adapted to Smith & Wesson's, Webley, and British Bull Dog Revolvers	13 50	2½ M.	14 grs.	145 grs.
No. 38 Winchester, adapted to Winchester Rifle, Model 1873	19 00	2 M.	40 grs.	160 grs.
No. 44 Smith & Wesson's American Model, adapted to Smith & Wesson's Army and Navy Revolvers	19 00	2 M.	25 grs.	210 grs.
No. 44 Bull Dog, adapted to British Bull Dog Revolvers	14 50	2 M.	15 grs.	168 grs.
No. 44 Winchester, adapted to Winchester Rifles, Model 1873; Forehand & Wadsworth, and Colts' Frontier Revolvers	19 00	2 M.	40 grs.	200 grs.

Central Fire Cartridges, Military and Sporting.

DESCRIPTION.	Per Thousand.	Case Contains.	Quantity of Powder.	Weight of Ball.
No. 45-60 Winchester, Straight Shell, adapted to Winchester Rifle, Model 1876	$33 00	1 M.	60 grs.	300 grs.
No. 45-75 Winchester	35 00	1 M.	75 grs.	350 grs.

Primers.

No. 1, Wesson, or No. 1 Winchester Improved Primers, adapted to 38 Ex. Long, 44 Winchester and 44 Evans, - per thousand, $2 40

No. 1½ Winchester Improved Primers, adapted to 32 S. &. W., 32 Colt, 32 Long, 32 Short, 38 Short, 38 Long Colt, D. A., 38 S. & W., 41 Colt, D. A., 44 Colt, 45 Colt; same size as No. 1, but thinner metal and more sensitive, - - - per thousand, 2 40

No. 2 Wesson, or No. 2 Winchester Improved Primers, adapted to 44 Webley, 44 S. & W. Russ., 44 S. & W. Am., 44 Remington, 44 Long, 45 Webley, 45 S. & W., 50 Pistol and Paper and Brass Shot Shells, - - - - per thousand, 2 40

No. 2½ Winchester Improved Primers, adapted to all Military and Sporting Cartridges; same size as No. 2, but thicker metal and less sensitive, per thousand, 2 40

Eley's Primers, adapted to "E. B." Shells, - " 1 50

Quarter thousand in a box; one thousand in a package.

Gun Caps.

Cut showing how the Caps are boxed.

Eley Bros.' "E. B" Waterproof Gun Caps, Nos. 9 to 18, - per thousand, $0 90
Eley Bros.' Central Fire Double Waterproof Gun Caps, Nos. 9 to 14, " 2 55
Walker's Central Fire Double Waterproof Gun Caps, Nos. 9 to 14, " 2 00
American "E. B." Central Fire Waterproof Gun Caps, Nos. 9 to 14, " 0 85
Waterproof Musket Caps, - - - - " 1 45

Tenth of a thousand in a tin box; ten boxes or one thousand in a package.

Paper Shot Shells.

E. B. Brown Paper Shells.

No. 10 Gauge, $2\frac{7}{8}$ inch Paper Shells, - - per thousand, $13 50
No. 12 Gauge, $2\frac{5}{8}$ inch Paper Shells - - - " 11 00

Club Paper Shells.

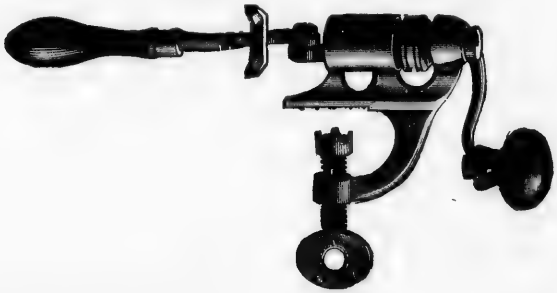
No. 10 Gauge, $2\frac{7}{8}$ inch Paper Shells, - - per thousand, $9 00
No. 12 Gauge, $2\frac{5}{8}$ inch Paper Shells, - - - " 8 00

One hundred in a box.

Cartridge Case Loaders.

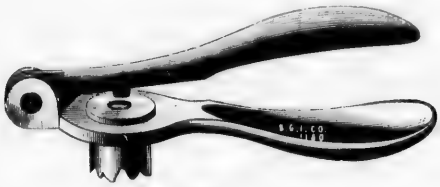
No. 10 Gauge, Cartridge Case Loaders with Steel Extracting Needle, Cocobolo Wood, - - - - per dozen, $2 80
No. 12 Gauge, Cartridge Case Loaders with Steel Extracting Needle, Cocobolo Wood, - - - - - - per dozen, 2 80

Cartridge Case Closers.



No. 10 Gauge, Cartridge Case Closers, - - per dozen, $10 90
No. 12 Gauge, Cartridge Case Closers, - - - " 10 90

Recappers and Extractors.



Recapper.

Extractor.

Recappers.

No. 10 Gauge, Bronzed Iron Recappers, - - per dozen, $1 12
No. 12 Gauge, Bronzed Iron Recappers, - - - " 1 12

Ring Extractors.

No. 10 Gauge, Nickel-Plated Ring Extractor, - - per dozen, $1 12
No. 12 Gauge, Nickel-Plated Ring Extractor, - - " 1 12

Powder and Shot Measures.

Nickel-Plated Powder and Shot Measures, $2\frac{1}{2}$ to 5 Drams, 1 to $2\frac{1}{4}$ Ounces,
Polished Wood Handle, - - - per dozen, $2 75

Reloading Tools.

For Reloading Cartridge Shells used in Smith & Wesson Revolvers.

Nos.	32	38	44
Per set,	$2 50	3 00	5 00

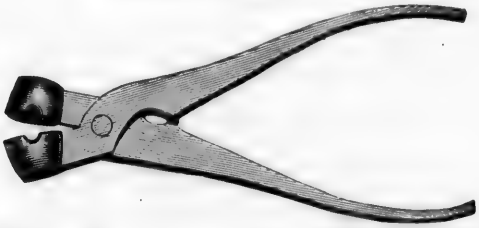
One set in a box.

Wad Cutters.

Indented Steel Wad Cutters, Nos. 10 to 20,	per dozen,	$1 65
Indented Steel Wad Cutters, No. 9,	"	3 00
Indented Steel Wad Cutters, No. 8,	"	3 30

One dozen in a box.

Bullet Moulds.



Nos.	10	12	14	16	17 to 20	21 to 30	31 to 40
Per dozen,	$5 85	3 30	3 30	3 30	2 65	1 95	1 35

Nos.	41 to 50	51 to 60	61 to 70	71 to 80	81 to 90
Per dozen,	$1 25	1 25	1 25	1 25	1 25

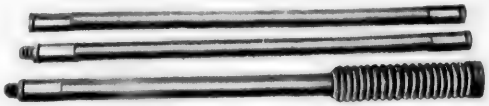
One dozen in a box.

Melting Ladles.

Wrought Iron, Lipped.

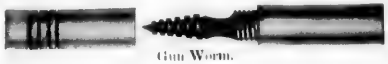
Inch,	3	3½	4	4½	5	6
Per dozen,	$1 60	1 95	2 35	3 00	3 60	5 25

Cleaning Rods.



Cleaning Rods, Three Jointed, Brass Trimmings,	per dozen,	$7 90

Gun Worms and Ramrod Tips.



Gun Worm.

Ramrod Tip.

¼ inch Brass Gun Worms, Capped,	per gross,	$5 10
5/16 inch Brass Gun Worms, Capped,	"	6 00
⅜ inch Brass Gun Worms, Capped,	"	11 25
Brass Ramrod Tips, Open End,	"	3 40
Brass Ramrod Tips, Solid Head,	"	5 25

Shot Chargers.

No. 9, Brass Lever Chargers,	per dozen,	$3 15

er dozen, $7 90

mrod Tip.

per gross, $5 10
" 6 00
" 11 25
" 3 40
" 5 25

per dozen, $3 15

Powder Flasks.

Full Size Cut of Nos. 508-402.

No. 508, 4 ounces, Pistol Size, Outside Spring Top, - - per dozen, $2 70

Half dozen in a box.

Powder Flasks.

Full Size Cut of No. 508.

Full Size Cut of No. 173R.

No. 508, 8 ounces, Outside Spring Top, - - -	per dozen,	$3 30
No. 173R, 8 ounces, Outside Spring Top, - -	"	4 05

Half dozen in a box.

3R.

er dozen, $3 30
" 4 05

Powder Flasks.

Full Size Cut of No. 7000.

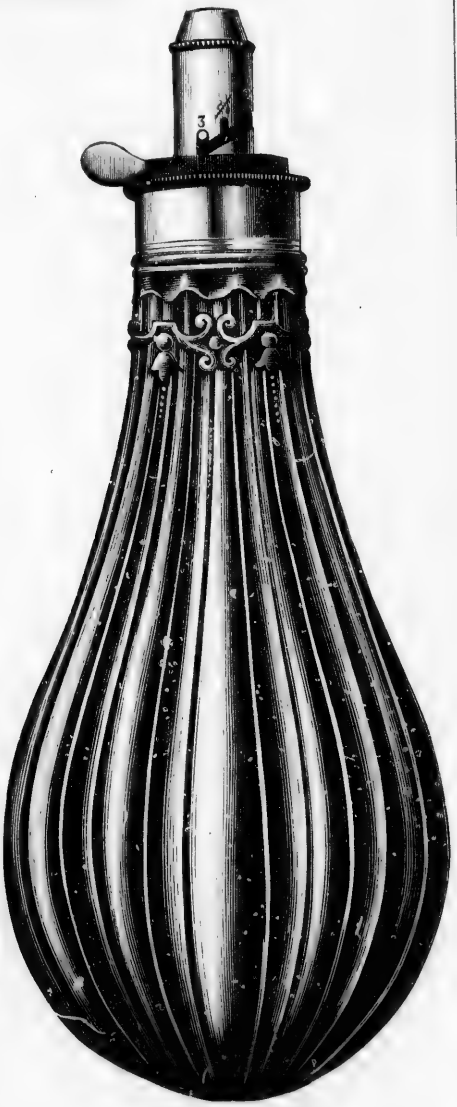
Full Size Cut of No. 600.

No. 7000, 8 ounces, Patent Inside Spring Top,	per dozen,	$6 15
No. 600, 8 ounces, Outside Spring Top,	"	7 75
No. 600, 8 ounces, Outside Spring Top, with Cord,	"	8 00

Half dozen in a box.

Powder Flasks.

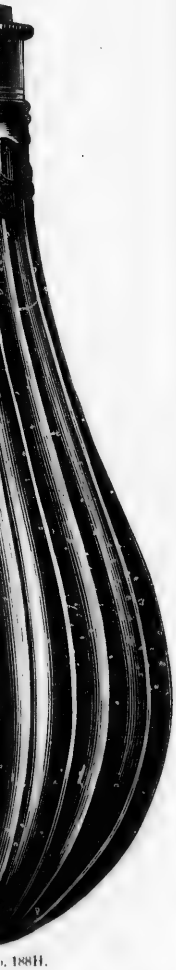
Full Size Cut of No. 180L.



Full Size Cut of No. 188H.

No. 180L,	8 ounces, Patent Inside Spring Top,	per dozen,	$10 90
No. 188H,	8 ounces, Patent Inside Spring Top,	"	12 25
No. 188K,	12 ounces, Patent Inside Spring Top,	"	14 50

Half dozen in a box.



. 188H.

er dozen, $10 90
" 12 25
" 14 50

Shot Pouches.

Full Size Cut of Nos. Bx4 and Bx6.

No. Bx4, 2½ pounds, Russet Leather, Brass Lever Charger, per dozen, $5 67
No. Bx6, 2½ pounds, Heavy Russet Leather, Brass Lever Charger, " 7 55

Half dozen in a box.

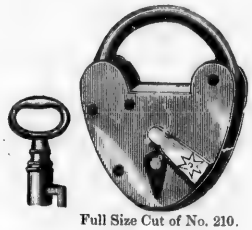
Shot Pouches.

Full Size Cut of No. 5x7.

No. 5x7, 3 pounds, Heavy Russet Leather, Brass Lever Charger, per dozen, $9 00

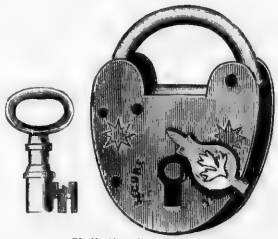
Half dozen in a box.

Brass Padlocks.



Full Size Cut of No. 210.

Full Size Cut of No. 45.



Full Size Cut of No. 160, 1¼ Inch.

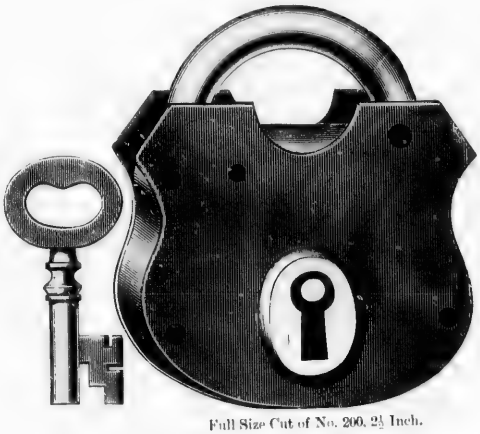
No. 210, 1 inch, Burnished Brass, Brass Drop, 12 Keys,	-	per dozen,	$0 60
No. 45, 1 inch, Burnished Brass, Brass Drop, 12 Keys,	-	"	1 12
No. 160, 1¼ inch, Burnished Brass, Brass Drop, 12 Keys,	-	"	1 65
No. 160, 1½ inch, Burnished Brass, Brass Drop, 12 Keys,	-	"	2 05
No. 160, 1¾ inch, Burnished Brass, Brass Drop, 12 Keys,	-	"	2 80
No. 160, 2 inch, Burnished Brass, Brass Drop, 12 Keys,	-	"	3 60

One dozen in a box or package.

Wrought Iron Tumbler Padlocks.

Full Size Cut of No. 215.

No. 215, $2\frac{1}{2}$ inch, Japanned, Self Locking, 12 Keys, - per dozen, $1 90



Full Size Cut of No. 200, $2\frac{1}{2}$ Inch.

No. 200, $2\frac{1}{4}$ inch, Japanned, Brass Bushing, 12 Keys, - per dozen, $1 60
No. 200, $2\frac{1}{2}$ inch, Japanned, Brass Bushing, 12 Keys, - - " 1 80

One dozen in a box.

per dozen, $1 90

per dozen, $1 60
" 1 80

Wrought Iron Tumbler Padlocks.

Full Size Cut of No. 0243.

No. 0243, 2½ inch, Japanned, Fancy Brass Bushing, 12 Keys, - per dozen, $2 10
No. 0243, 2½ inch, Japanned, Fancy Brass Bushing, 24 Keys, " 2 85

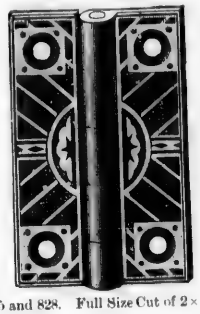
One dozen in a box.

Full Size Cut of No. 0243C.

No. 0243C, 2½ inch, Japanned, Fancy Brass Bushing and Japanned Iron Chain, 12 Keys, - - - - - - per dozen, $3 15
No. 0243C, 2½ inch, Japanned, Fancy Brass Bushing and Japanned Iron Chain, 24 Keys, - - - - - per dozen, 4 00

Half dozen in a box.

Bronze Metal Inside Shutter Hinges.



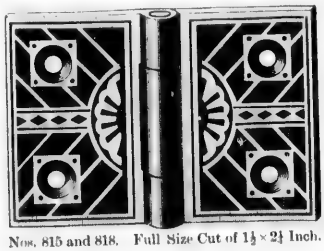
Nos. 825 and 828. Full Size Cut of 2×1¼ Inch.

No. 825, Bronze Metal.

2×1¼ inch, with Screws,	per dozen pairs,	$9 00
2×1½ inch, with Screws,	"	12 00

No. 828, Imperial Bronze.

2×1¼ inch, with Screws,	per dozen pairs,	$9 00
2×1½ inch, with Screws,	"	12 00



Nos. 815 and 818. Full Size Cut of 1½×2¼ Inch.

No. 815, Bronze Metal.

1¼×2 inch, with Screws,	per dozen pairs,	$7 50
1½×2¼ inch, with Screws,	"	11 50

No. 818, Imperial Bronze.

1¼×2 inch, with Screws,	per dozen pairs,	$7 50
1½×2¼ inch, with Screws,	"	11 50

One dozen pairs in a box.

We do not carry the above in stock, but can supply on short notice.

zen pairs, $9 00
" 12 00

zen pairs, $9 00
" 12 00

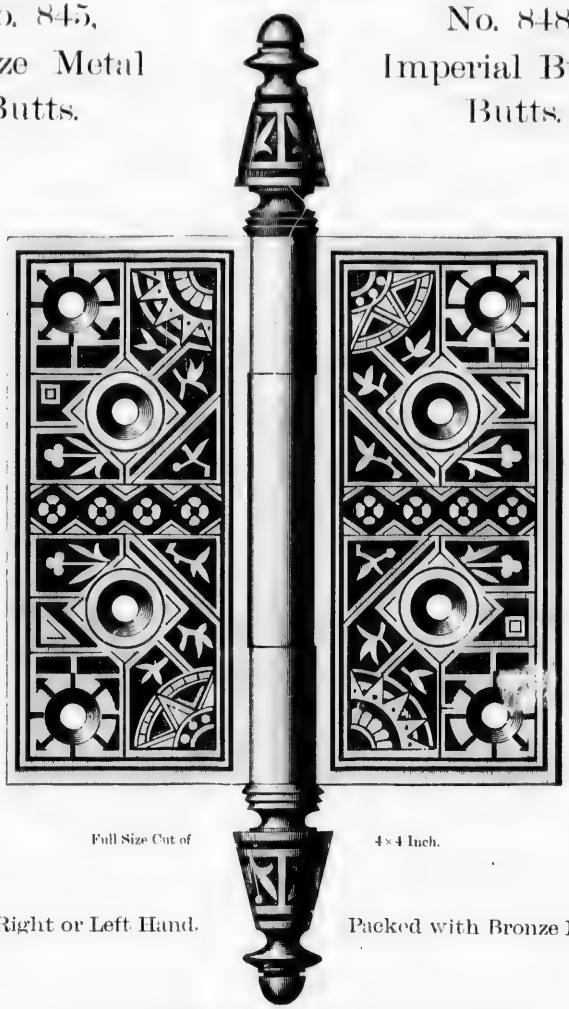
ozen pairs, $7 50
" 11 50

ozen pairs, $7 50
" 11 50

Loose Pin.

No. 845,
Bronze Metal
Butts.

No. 848,
Imperial Bronze
Butts.



Full Size Cut of 4 × 4 Inch.

Either Right or Left Hand.

Packed with Bronze Metal Screws.

DOUBLE STEEL BUSHED AT EVERY JOINT.

No. 845, Bronze Metal.

Inch,	3×3	3½×3½	4×4	4½×4½	5×5	5×6	5×7	5½×5½	6×6	6×8
Per pair,	$3 80	4 40	5 40	6 80	7 60	9 60	10 40	8 80	10 40	15 50

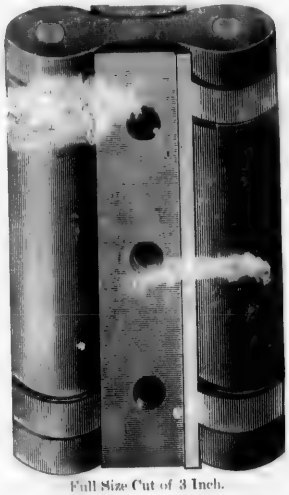
No. 848, Imperial Bronze.

Inch,	3×3	3½×3½	4×4	4½×4½	5×5	5×6	5×7	5½×5½	6×6	6×8
Per pair,	$3 80	4 40	5 40	6 80	7 60	9 60	10 40	8 80	10 40	15 50

One pair in a box; 5 × 5 inch and larger have five knuckles.

☞ We do not carry the above in stock, but can supply on short notice.

"Cartland's" Double Action Spring Hinges.



Full Size Cut of 3 Inch.

No. 5353, To Swing Both Ways.

With Spring.

Inch,	3	3½	4	4½	5	6
For Doors,	1¼	1½	1¾	2	2¼	2½ inch.
Per single dozen,	$15 90	21 00	25 80	28 50	31 50	36 00

Without Spring.

Inch,	3	3½	4	4½	5	6
For Doors,	1¼	1½	1¾	2	2¼	2½ inch.
Per single dozen,	$5 10	6 00	6 90	7 50	8 40	10 50

Quarter dozen in a package.

Elastic Base Knobs—Wood.

Full Size Cut of 2½ Inch.

Rubber Tip, Iron Screw.

No. 8, 2½ inch, Birch, - - - - - per gross, $5 25
No. 18, 2½ inch, Black Walnut, - - - " 6 40

Quarter gross in a box.

inges.

6
2½ inch.
0 36 00

6
2½ inch.
) 10 50

per gross, $5 25
" 6 4

Half Size Cut.

China Finger or Push Plates.

White China.

No. 018, 11½x3¼ inch, Two Gold Stripes, per single dozen, $5 10

Black China.

No. 018, 11½x3¼ inch, Two Gold Stripes, per single dozen, $6 00

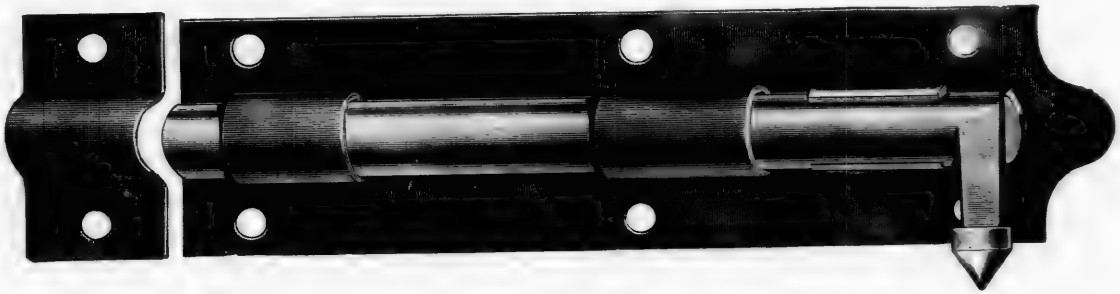
Half dozen in a package.

Letter Box Plates.

No. 25, Tuscan Bronzed, - - - - per dozen, $2 25
No. 3326, Bronze Metal; - - - - " 6 00

Sixth of a dozen in a box.

Wrought Iron Tower Bolts.



Full Size Cut of No. 9, 6 Inch.

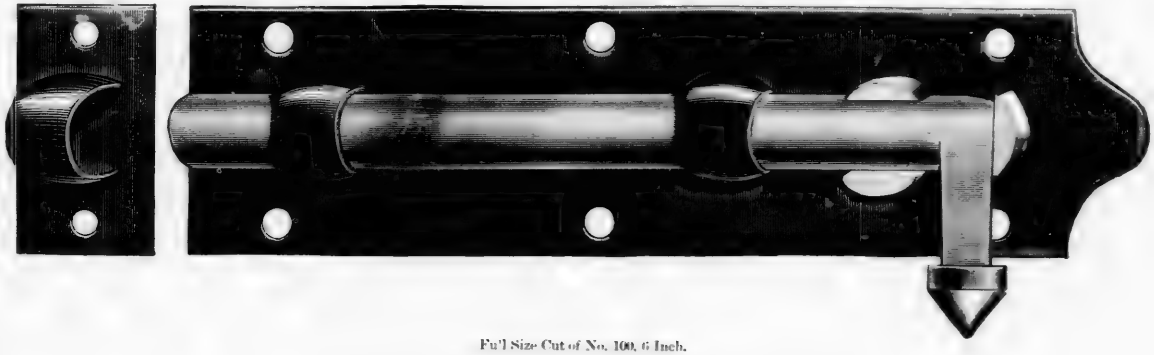
No. 9, with Japanned Plate and Staple, Polished Bolt.

Inch,	3	4	5	6	7	8	10
Per dozen,	$0 45	0 60	0 75	0 90	1 05	1 20	1 50

One dozen in a box.

One dozen in a box.

Wrought Iron Tower Bolts.



Full Size Cut of No. 100, 6 Inch.

No. 100, Japanned Plate and Staple, Polished Bolt.

Inch,	3	4	5	6	7	8	10
Per dozen,	$0 75	1 00	1 25	1 50	1 75	2 00	2 50

One dozen in a box.

Wrought Iron Barrel Bolts.

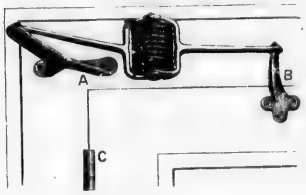
Full Size Cut of No. 15, 4 Inch.

No. 15, Lacquered Plate and Staple, Polished Bolt.

Inch,	3	4
Per dozen,	$1 00	1 30

One dozen in a box.

"Hercules" Door Springs.



No. 4, "Hercules" Springs, - - - - per dozen, $5 50

This spring is lighter than No. 3 and heavier than No. 5.

Quarter dozen in a box.

4
1 30

per dozen, $5 50

China Cupboard Turns.

No. 3125-0, White China Knob, Brass Base.

Size of Knob,	$1\frac{1}{8}$	$1\frac{1}{4}$	$1\frac{3}{8}$ inch.
Per dozen,	$1 50	1 50	1 95

No 3125-16, Black China Knob, Brass Base.

Size of Knob,	$1\frac{1}{8}$	$1\frac{1}{4}$	$1\frac{3}{8}$ inch.
Per dozen,	$1 50	1 50	1 95

No. 2104E, $1\frac{1}{4}$ inch, White China Knob, Brass Base, - - per dozen, $0 90
No. 2104, $1\frac{1}{4}$ inch, Black China Knob, Brass Base, - " 1 12

The No. 3125 is of a better quality than the No. 2104, the brass base is also larger. The above cut represents a fancy knob. Our stock of Turns have a plain knob.

One dozen in a box or package.

Tea Bells.

Half Size Cut of No. 21.

No. 21, Polished White Metal Bell, Rosewood Handle, - - per dozen, $1 35

One dozen in a box.

Mat Hooks.

Three-quarters Size Cut.

Mat Hooks with Varnished Wood Handle, - - - per dozen, $3 00

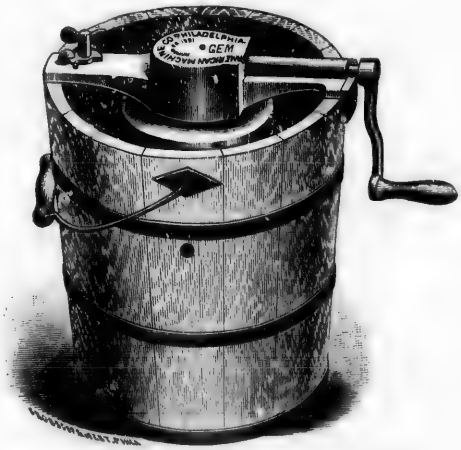
One dozen in a package.

Granite Iron Oval Meat Dishes.

Inch,	14	16	18
Per dozen,	$9 60	12 00	15 00

The Gem Ice Cream Freezer.

Double Action.



Size,	2-qt.	3-qt.	4-qt.	6-qt.	8-qt.	10-qt.	14-qt.
Each,	$3 75	4 50	5 50	7 00	9 00	11 00	14 00

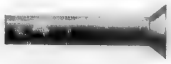
Painted Green.

Jack Screws.

Bell Bottom, Cast Iron Barrel, Wrought Iron Screw, Swivel Top, Steel Lever.

No.	Diam. Screw.	Height.	Net Rise.	Whole Height.	Each.
1	1¼ inch	8 inch	4 inch	12 inch	$2 50
2	1½ inch	10 inch	6 inch	16 inch	3 00
3	1½ inch	10 inch	5 inch	15 inch	3 25
4	1½ inch	12 inch	7 inch	19 inch	3 75
5	1½ inch	14 inch	9 inch	23 inch	4 00
6	1¾ inch	12 inch	6 inch	18 inch	4 25
7	1¾ inch	14 inch	8 inch	22 inch	4 50
8	1¾ inch	16 inch	10 inch	26 inch	5 00
9	1¾ inch	18 inch	12 inch	30 inch	5 50
10	2 inch	12 inch	5 inch	17 inch	5 50
11	2 inch	14 inch	7 inch	21 inch	6 00
12	2 inch	16 inch	9 inch	26 inch	7 00
13	2 inch	20 inch	13 inch	33 inch	8 00
14	2¼ inch	14 inch	8 inch	22 inch	8 50
15	2¼ inch	16 inch	10 inch	26 inch	9 50
16	2¼ inch	18 inch	12 inch	30 inch	10 25
17	2 inch	20 inch	14 inch	34 inch	11 00
18	2½ inch	24 inch	18 inch	42 inch	13 00

Iron Section Rivets.



No. 6.

Inch,	3/8	7/16	1/2	9/16	5/8	3/4	7/8	1	
Per pound,	-	-	-	-	-	-			$0 14

Five pounds in a package

Fire Engine Axes.

Cast Steel, Finished in Red and Gold, Red Painted Handle, - per dozen, $34 00

We do not carry these in stock but can supply on short notice.

Nail Claws.

One-third Size Cut of No. 2.

Malleable Iron.

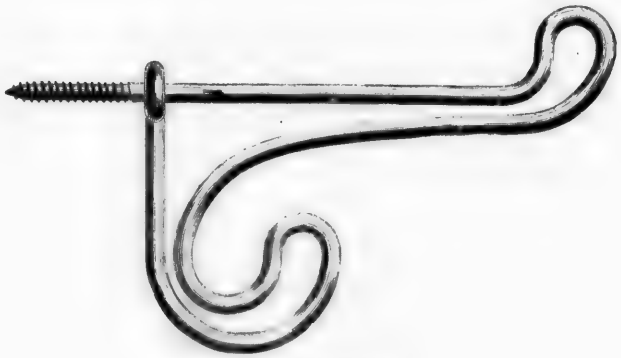
No. 2, Malleable Iron, Japanned, Wood Handle, - - per dozen, $2 50

Half dozen in a box.

dozen, $34 00

er dozen, $2 50

Wire Hat and Coat Hooks.



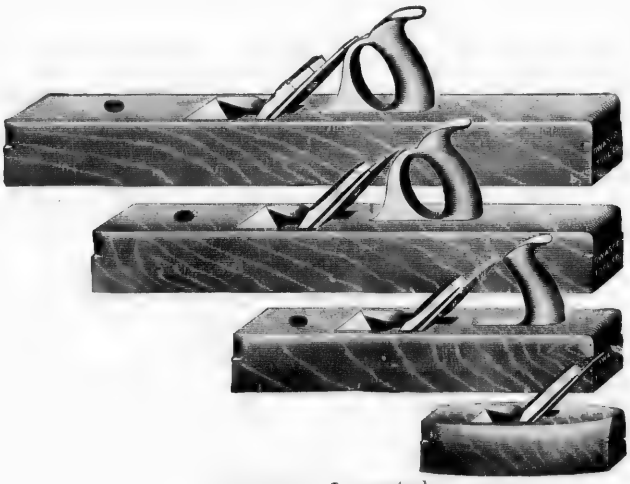
Full Size Cut of No. 80.

No. 60, 2½ inch, Gem Wire Hooks, Berlin Bronzed,	- -	per gross,	$2 50
No. 70, 3 inch, Gem Wire Hooks, Berlin Bronzed,	-	"	3 00
No. 80, 3½ inch, Gem Wire Hooks, Berlin Bronzed,	- -	"	3 60

No. 60, one gross in a box; Nos. 70 and 80, half gross.

"Cox & Luckman's" Wood Planes.

Bench.



Best Planes Imported.

Smooth, 2 inch, Double Irons,	each,	$1 35
Smooth, $2\frac{1}{8}$ inch, Double Irons,	"	1 42
Smooth, $2\frac{1}{4}$ inch, Double Irons,	"	1 68
Jack, $2\frac{1}{8}$ inch, Double Irons,	"	1 87
Jack, $2\frac{1}{4}$ inch, Double Irons,	"	95
Fore, $2\frac{1}{2}$ inch, Double Irons,	"	2 55
Jointer, $2\frac{1}{2}$ inch, Double Irons,	"	2 85

One in a paper.

each, $1 35
" 1 42
" 1 68
" 1 87
" 95
" 2 55
" 2 85

"Universal" Can Openers.

Adjustable.

Universal Can Opener, - - - - per dozen, $3 25

One dozen in a box.

Patent Adjustable Countersink.

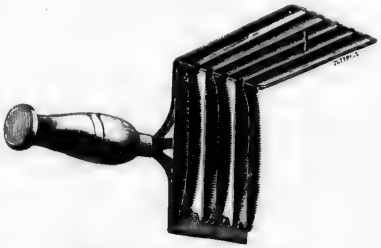
Cincinnati Tool Co.'s Patent Adjustable Countersink, - per dozen, $6 00

Can be attached to any style Gimlet Bit.

One dozen in a box.

Self-Cleaning Curry Comb.

Back Grasp.



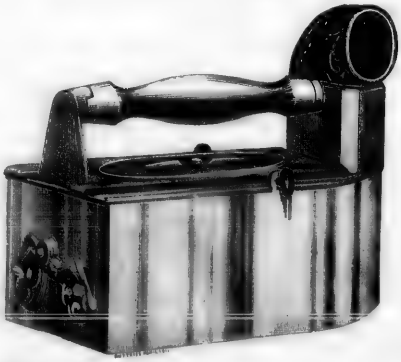
The Latest and Best.

No. 106, 6 Bar, Iron, Japanned, - - - per dozen, $2 75

One dozen in a box.

Charcoal or Self-Heating Tailors' Irons.

Double Flue.



Charcoal or Self-Heating, Wood Handle, Size 1¼x4 inch, Weight 20 lbs., per dozen, $60 00

Patent Bull Snap.

Full Size Cut

Rope and Web Halters.

Style of Web Halter.

$\frac{7}{16}$ inch, Sisal Rope Halters,	per dozen,	$1 00
$\frac{9}{16}$ inch, Sisal Rope Halters,	"	1 35
$\frac{1}{2}$ inch, Manilla Rope Halters,	"	2 25
English Web Halters	"	2 25
American Web Halters, with Leather Trimmings,	per dozen,	4 25

One dozen in a package or bundle.

No. 500, Tinned Bull Snap with Tinned Chain and Screw Eyes, - per dozen, $6 25

Quarter dozen in a box.

Handled Chopping Axes.

The Columbia.

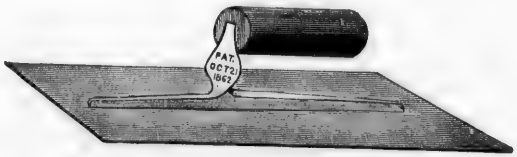
"The Columbia," Full Polished, Highest Grade of Firth's Cast Steel, per dozen, $18 00
The same Axe, Handled, - - - - " 21 00

Can supply any weights desired from 3 to 4½ lbs. Can also supply a lower grade of Axe of same pattern at a reduced price. This pattern Axe is specially made for British Columbia trade.

One dozen in a box.

Plastering Trowels.

R. H. SMITH & CO.'S.



Inch,	11	11½	12
Per dozen,	$13 20	13 80	14 40

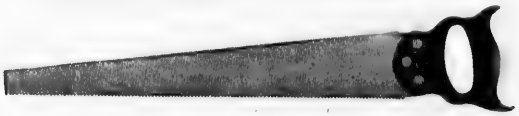
Quarter dozen in a box.

Pruning Saws.

No. 16, Cast Steel, Beech Handle, 3 Brass Screws.

Inch,	14	16	18	20
Per dozen,	$6 50	7 50	8 00	9 00

Double Edge Pruning Saw.



No. 40, 18 inch, Cast Steel, Beech Handle, 3 Brass Screws, - per dozen, $9 00

Half dozen in a box.

Kitchen Saws.

No. 5, 14 inch, Cast Steel Blade, Beech Handle, Round Iron Back, per dozen, $8 00

Half dozen in a box.

Butcher Saws.

No. 2, Cast Steel Blade, Beech Handle, Oval Back.

Inch,	14	16	18	20	22	24	26
Per dozen,	$14 75	16 00	17 35	18 50	19 60	20 75	21 85

Quarter dozen in a box.

Hand, Panel and Rip Saws.

No. 1.

R. H. Smith & Co.'s Cast Steel, Warranted, Skew Back, Second Growth Beech Handle, Polished Edges, 4 Brass Screws.

Inch,	18	20	22	24	26	28
Per dozen,	$13 50	16 00	17 50	19 50	21 33	24 00

No. 40.

R. H. Smith & Co.'s Extra Cast Steel, Warranted, Skew Back, Second Growth Beech Handle, Polished Edges, 5 Brass Screws.

Inch,	18	20	22	24	26	28
Per dozen,	$15 50	18 00	20 00	22 50	24 00	26 50

Hand assorted, 6 to 8 and 7 to 9 points. Panel assorted, 9 to 11 and 10 to 12 points.
Rip assorted, 4½ to 5½ and 5 to 6 points.

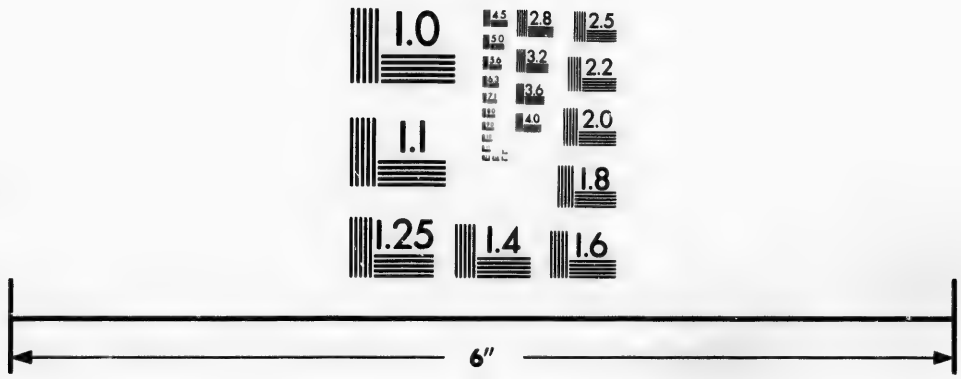
Third dozen in a box.

Price List of Cotter Pins.

PRICE PER GROSS.

Numbers.	⅝	1	2	3	4	5	6	7	8	9	10	11	12
Length, 1 inch..	.....	.....	.....	.....	.....	.....	.....	.....	$0 28	0 27	0 25	0 24	0 22
" 1¼ " ..	.....	.....	.....	.....	.....	.....	.....	$0 33	0 30	0 28	0 27	0 25	0 24
" 1½ " ..	.....	$0 80	0 73	0 67	0 58	0 50	0 42	0 37	0 33	0 32	0 30	0 28	0 27
" 1¾ " ..	.....	0 90	0 80	0 73	0 65	0 55	0 45	0 40	0 37	0 35	0 33	0 32	0 30
" 2 " ..	.....	1 00	0 90	0 80	0 70	0 60	0 48	0 44	0 40	0 38	0 37	0 35	0 33
" 2½ " ..	$2 20	1 20	1 10	0 93	0 80	0 66	0 58	0 50	0 47	0 45	0 43	0 42	0 40
" 3 " ..	2 47	1 40	1 30	1 10	0 93	0 80	0 68	0 66	0 55	0 52	0 50	0 48	0 47
" 3½ " ..	2 73	1 60	1 50	1 13	1 10	0 93	0 78	0 70	0 65	0 60	0 57	0 55	0 53

IMAGE EVALUATION TEST TARGET (MT-3)



Photographic Sciences Corporation

23 WEST MAIN STREET
WEBSTER, N.Y. 14580
(716) 872-4503

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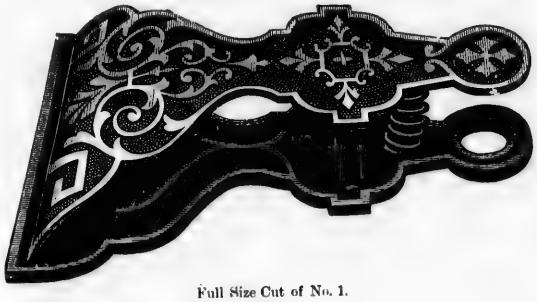
Paper Clips.



Full Size Cut of No. 1.

No. 1, Bronzed Paper Clip, - - - - per dozen, $1 20

One dozen in a box.

Paper Files.

Half Size Cut of No. 90.

Half Size Cut of No. 40.

No. 90, Bronzed Paper File, Tinned Wire Hook, - - per dozen, $1 05
No. 40, Bronzed Paper File, Tinned Wire Rod, 4½ inch, - $1 65

One dozen in a box.

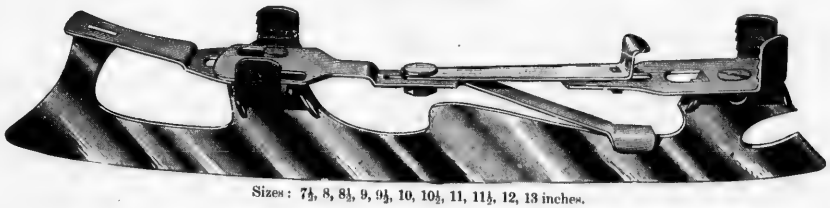
er dozen, $1 20

40.

per dozen, $1 05
$1 65

"Acme" Club Skates.

Forbes' Patent.

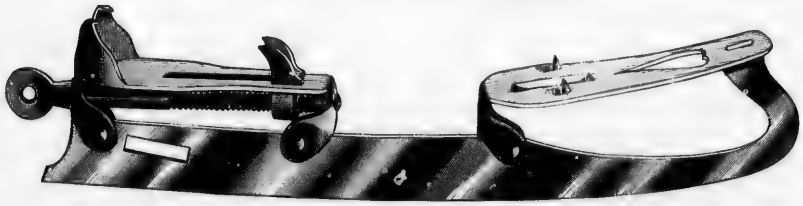


Sizes: 7½, 8, 8½, 9, 9½, 10, 10½, 11, 11½, 12, 13 inches.

No. 5, All Steel Runners, Plain Finish, - - - per pair, $1 90
No. 7, Extra Steel Runners, Blued Foot-Plate and Lever, Highly Polished Edges, - - - - - per pair, 2 90
No. 10, Same quality as No. 7, full Nickel-Plated, - - " 3 90
No. 12, Same quality as No. 7, full Electro-Silver-Plated, - " 4 65
No. 14, Same quality as No. 7, Electro-Silver-Plated Runners, and Gold-Plated Mountings, - - - - - per pair, 5 15

One pair in a package.

German Club Skates.



Sizes, 7, 7½, 8, 8½, 9, 9½, 10, 10½, 11 inches.
No. 280-12, All Steel Runners, Plain Finish, - - per pair, $0 60

One pair in a package.

Extra Parts for "Acme Club" Skates.

Toe Clamps or Lugs.

2 4 5 6

Wrench. Heel Button. Link Screws and Nuts. Lug Screws and Nuts.

10 12 14 15 16 17

Full Size Cuts.

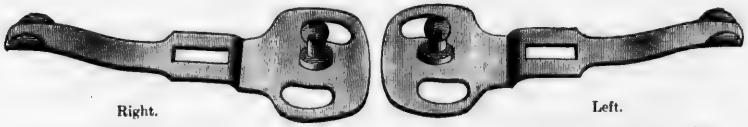
Nos. 2, 4, 5 and 6 Toe Clamps,	per single dozen,	$075
No. 10, Wrenches,	"	0 38
No. 12, Heel Buttons,	"	0 75
No. 14, Link Nuts,	"	0 38
No. 15, Link Screws,	"	0 38
No. 16, Lug Nuts,	"	0 38
No. 17, Lug Screws,	"	0 38

Links.

Half Size Cut of No. 32.

Nos.	30	32	34	36	38	
Length of Link,	3	$3\frac{1}{4}$	$3\frac{1}{2}$	$3\frac{5}{8}$	$3\frac{3}{4}$	inch.
Size of Skate,	8	$8\frac{1}{2}$ and 9	$9\frac{1}{2}$ and 10	$10\frac{1}{2}$ and 11	$11\frac{1}{2}$ and 12	inch.
Per single dozen,	$1 15	1 15	1 15	1 15	1 15	

Levers.



Right. Nos. 51, 53, 55, 57, 59, 61 and 63.

Left. Nos. 52, 54, 56, 58, 60, 62 and 64.

Nos.	51 and 52,	53 and 54,	55 and 56,	57 and 58,	59 and 60,	61 and 62,	63 and 64.
Length of Lever,	$5\frac{1}{4}$	$5\frac{3}{4}$	6	$6\frac{1}{4}$	$6\frac{1}{2}$	7	$7\frac{1}{4}$ inch.
Size of Skate,	8	$8\frac{1}{2}$	9	$9\frac{1}{2}$	10	$10\frac{1}{2}$ and 11,	$11\frac{1}{2}$ and 12in.
Per single dozen,	$2 25	2 25	2 25	2 25	2 25	2 25	2 25

Skate Keys and Heel Plates.

Key.

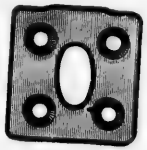


Plate.

Malleable Iron Skate Keys, - - -	per single dozen,	$0 55
Wrought Iron Heel Plates for Club Skates, - -	per hundred pairs,	2 10

Three dozen keys in a box.
One hundred pairs plates in a box.

Skate Straps.

Russet Leather, with Buckle.

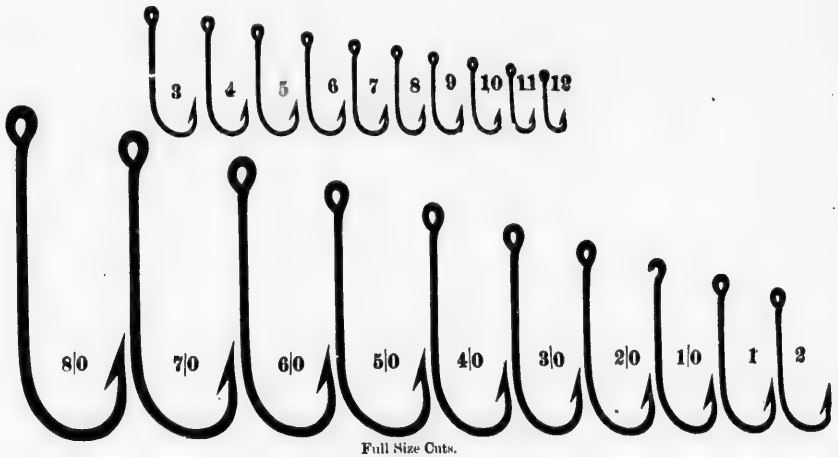
Inch,	12	18	30	36
Per dozen pairs,	$1 20	1 50	2 25	2 60

Bird Cage Springs.

Brass Bird Cage Springs with Satety Snap, - - per dozen, $1 50

One dozen in a box.

Fish Hooks.



Full Size Cuts.

Superfine Kirby Bend, Ringed.

Nos.	10	9	8	7	6	5	4	3	2	1
Per thousand,	$0 90	0 90	0 90	0 90	0 90	0 90	0 80	0 90	0 90	0 90
Nos.	1-0	2-0	3-0	4-0	5-0	6-0	7-0	8-0	9-0	10-0
Per thousand,	$1 20	1 45	1 50	1 65	2 00	2 40	2 70	3 90	5 00	6 60

One hundred in a box.

Fish Lines.

Eureka Lines, Best Cotton, Drab Colors, Imitation Linen.

Each line fifteen feet long; hanks are connected.

Nos.	1	2	3	4	5	6	7
Per gross,	$1 20	1 40	1 50	1 70	1 90	2 30	2 60

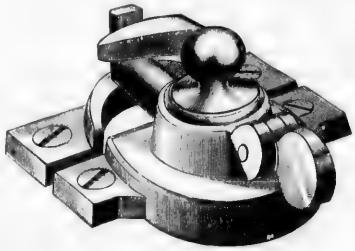
Linen Lines, Drab or Whitey Brown Color.

Each line twenty-five feet long; hanks are connected.

Nos.	14	18	22	24
Per dozen,	$3 12	3 70	4 80	5 60

Half gross in a box.

"The Daisy" Patent Sash Fasteners.

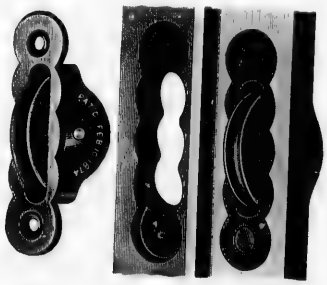


No. 1526, Plain Amber Bronzed, with Amber Bronzed Tip, with Screws, per doz., $1 12

One dozen in a box.

Axle Pulleys.

"The Common Sense."



Inch,	$1\frac{3}{4}$	2
Per dozen,	$0 37	0 42

In bulk.

Horse Shoes.

Rhode Island Pattern.

Hind.

Forward.

Hind.

Nos.	0	1	2	3	4	5	6	7	
Weight, each,		14	17¾	21	25	29	34	38	ounces.
Per 100 pounds,	-	-	-	-	-	-	-	-	$5 00

Fore.

Nos.	0	1	2	3	4	5	6	7	
Weight, each,		18	21¾	26	30½	35½	41½	44½	ounces.
Per 100 pounds,	-	-	-	-	-	-	-	-	$5 00

In ordering please state if Hind or Fore, or if an assortment of both are wanted.

One hundred pounds in a keg.

Silver-Plated Casters.

TORONTO SILVER PLATE CO.

Third Size Cuts.

No. 425.

No. 401.

Plain, Four No. 208½ Bottles, each, $3 75
Chased, Four No. 208½ Bottles, " 4 25

Chased, Four No. 208½ Bottles, each, $4 50

No. 1700.

Chased, - - each, $5 75

No. 650.

Chased and Gilt, - each, $6 00

Silver-Plated Casters.

TORONTO SILVER PLATE CO.

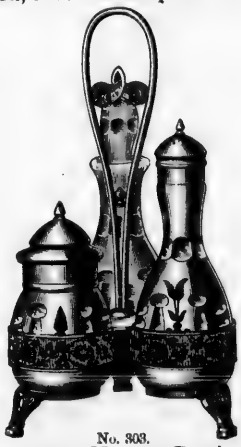
Third Size Cuts.

No. 207½.

Plain, Five No. 208½ Bottles, each, $4 50
Chased, Five No. 208½ Bottles, " 5 00

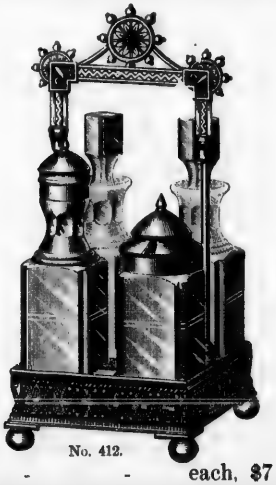
No. 215.

Chased, Five No. 208½ Bottles, each, $5 50



No. 303.

Chased, Four No. 100 Bottles, each, $4 00



No. 412.

No. 412, - - each, $7 50

215.
les, each, $5 50

each, $7 50

Silver-Plated Casters.

TORONTO SILVER PLATE CO.

Third Size Cuts.

No. 200.
Chased, Five No. 115 Bottles, each, $6 00

No. 507.
Chased, Five No. 8 Bottles, each, $6 75

No. 307.
Chased, Three No. 209 Bottles, each, $7 50

No. 250. Lunch Caster.
Chased, Two No. 209 Bottles, each, $7 00

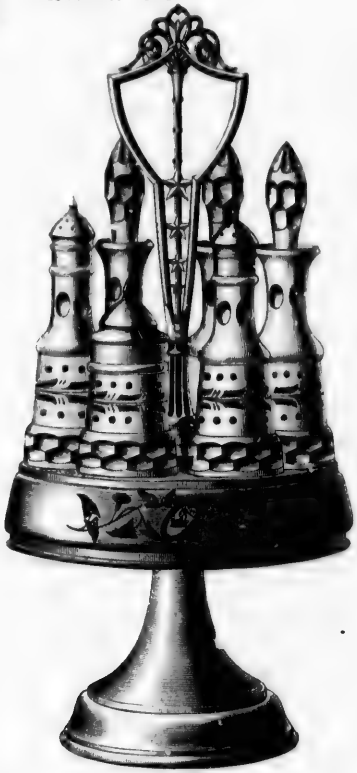
Silver-Plated Casters.

TORONTO SILVER PLATE CO.

Third Size Cuts.

No. 508.

Chased, Five No. 11½ Bottles, each, $7 00



No. 0608.

Plain, Six No. 67 Bottles, each, $7 00
Chased, Six No. 67 Bottles, " 7 50

Silver-Plated Butter Dishes.

No. 803.

Plain, - - each, $3 50
Chased, - " 4 00

No. 807.

Plain, - - each, $4 00
Satin Shield, - " 4 50
Chased, - - " 5 00

each, $7 00
" 7 50

each, $4 00
" 4 50
" 5 00

Silver-Plated Cruets.

TORONTO SILVER PLATE CO.

Third Size Cuts.

No. 518.

Chased, Five No. 409 Bottles, each, $7 75

No. 224.

Plain, Six No. 115 Bottles, each, $9 00
Chased, Six No. 115 Bottles, " 9 50

Silver-Plated Butter Dishes.

No. 811.

Plain, - - each, $6 50
Chased, - " 7 00

No. 814.

Plain, - each, $5 00
Chased, - - " 5 50

Silver-Plated Casters.

TORONTO SILVER PLATE CO.

Third Size Cuts.

No. 0601.

Plain, Six No. 80 Bottles, each, $10 00
Chased, Six No. 80 Bottles, " 10 75

No. 0613.

Plain, Six No. 18 Bottles, each, $10 00
Chased, Six No. 18 Bottles, " 10 75

Silver-Plated Butter Dishes.

No. 817.

Plain, - each, $6 50
Chased, - " 7 25

No. 805.

Plain, - each, $7 00
Chased, - " 7 50

les, each, $10 00
les, " 10 75

each, $7 00
" 7 50

Silver-Plated Casters.

TORONTO SILVER PLATE CO.

Third Size Cuts.

No. 226.

No. 221.

Plain, Six No. 149 Bottles, each, $11 50
Chased, Six No. 149 Bottles, " 12 00

Chased, Six No. 149 Bottles, each, $13 75

Silver-Plated Butter Dishes.

No. 120, open.

No. 120, closed.

Chased, with Gilt Lining, each, $9 50
Chased, with Fancy Gilt Lining, " 10 00

Revolving Butter Hinge Cover, with Patent Glass Protector.

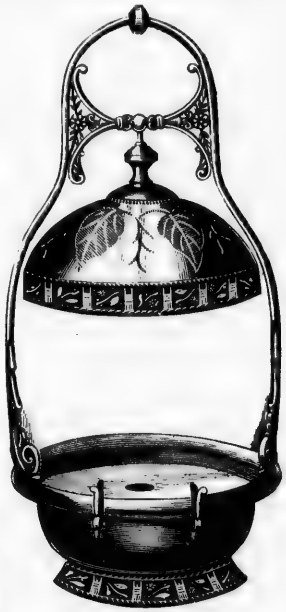
Silver-Plated Butter Dishes.

TORONTO SILVER PLATE CO.

Third Size Cuts.

No. 129.

Chased, - each, $6 00



No. 110.

Plain each, $6 50
Chased, " 7 00

No. 104.

Plain, - - each, $9 50
Chased, - " 10 00

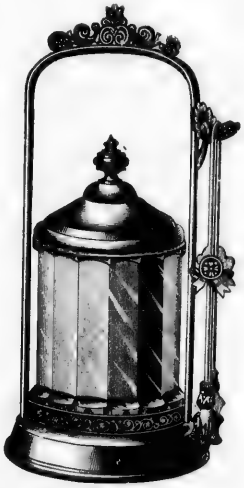
No. 110.

each, $6 50
" 7 00

Silver-Plated Pickle Casters.

TORONTO SILVER PLATE CO.

Third Size Cuts.



No. 718.

Chased, Crystal Glass,
each, $2 50

No. 700.

Chased, Crystal Glass,
each, $3 00

No. 95.

Chased, Blue, Green, Amber
or Crystal Glass, each, $3 00

No 91.

Chased, Blue, Green or
Amber Glass, - each, $4 00

No. 90.

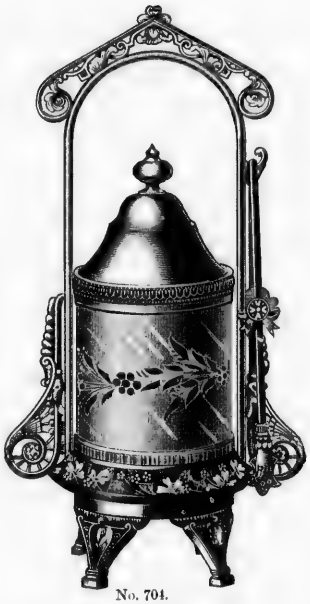
Chased, Blue, Amber or Canary Glass,
each, $3 50

Chased, Crystal Glass, - " 3 00

Silver-Plated Pickle Casters.

TORONTO SILVER PLATE CO.

Third Size Cuts.

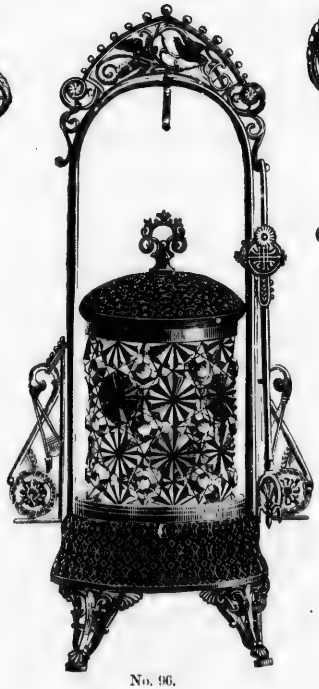


No. 704.

Chased, Crystal Glass, each, $5 00

No. 709.

Chased, Crystal Glass, each, $5 50



No. 96.

Chased, Crystal or Amber Glass, each, - $5 00

. 706.

stal Glass,
each, $5 50

Silver-Plated Pickle Casters.

TORONTO SILVER PLATE CO.

Third Size Cuts.

No. 710.

Chased, Blue or Ruby
Glass, - each, $6 00

No. 60, Square.

No. 708.

Chased, China or
Crystal, - each, $6 75

Chased, Amber, Green, Blue or Crystal Glass, . - - - each, $6 50

Silver-Plated Pickle Casters.

TORONTO SILVER PLATE CO.

Third Size Cuts.

No. 92.

Chased, Blue, Green, Amber or Crystal, each, $8 00

Silver-Plated Cake Baskets.

Plain, - No. 117. each, $4 50
Chased, - " 5 00

Plain, - No. 1006. each, $5 50
Chased, - " 6 00

Silver-Plated Cake Baskets.

TORONTO SILVER PLATE CO.

Size Cuts.

No. 3.

Plain, - - - each, $5 00
Chased, - - " 5 50

No. 1007.

Plain, - - each, $7 00
Chased, - " 7 50

No. 1001.

Plain, - - - each, $7 00
Chased, - - " 7 50

No. 1004.

Plain, - - - each, $8 00
Chased, - - " 8 50

Silver-Plated Cake Baskets.

TORONTO SILVER PLATE CO.

Third Size Cuts.

No. 1012.

Plain,	- -	each, $12 00
Chased,	- -	" 13 50

No. 12.

Plain,	- -	each, $8 25
Chased,	- -	" 8 75

Silver-Plated Berry Dishes.

TORONTO SILVER PLATE CO.

Third Size Cuts.

No. 519.

Chased, Berry, Crystal Glass, each, $5 50

No. 900.

Chased, Berry, Crystal Glass, each, $7 50

No. 913.

Chased, Berry, Blue, Amber or Crystal Glass, each, $7 75

No. 901.

Chased, Berry, Crystal Glass, each, $8 50

Silver-Plated Berry and Fruit Dishes.

TORONTO SILVER PLATE CO.

Third Size Cuts.

No. 931. Berry.

No. 172. Berry.

Plain, Amberina Glass, each, $13 00
Fancy Gilt, Amberina Glass, " 16 00

Chased, Blue, Rose, Green or White, Decorated Glass, - $14 00

Chased, No. 902. Fruit. each, $28 00
Blue, Rose, Green or White Decorated Glass.

Silver-Plated Tilting Ice Pitchers and Goblets.

TORONTO SILVER PLATE CO.

Third Size Cuts.

No. 01205. Goblet.

Plain, Gold Lined, each, $4 00
Chased, Gold Lined, " 4 50

No. 01200. Goblet.

Plain, Gold Lined, - each, $4 25
Chased, Gold Lined, " 4 75

No. 1251½. Pitcher and Goblet.

Plain, with Slop and Cup Gold Lined, each, $24 00
Chased, with Slop and Cup Gold Lined, " 26 00

Without Cup and Rest, $4 00 less.

Silver-Plated Ice Pitchers.

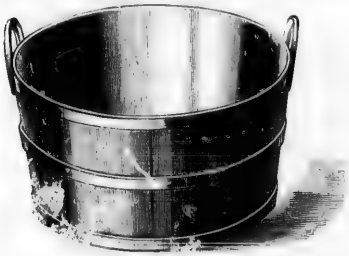
TORONTO SILVER PLATE CO.

Third Size. Cuts.

No. 1356.

Plain, - - each, $18 00
Chased, - - " 20 00

Silver-Plated Ice Tub



No. 1060.

Plain or Satin Finished, - each, $6 75

Silver-Plated Ice Pitchers.

TORONTO SILVER PLATE CO.

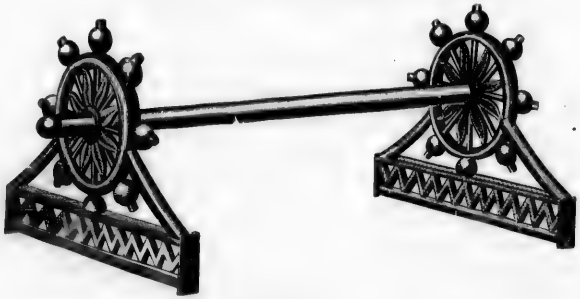
Third Size Cuts.

No. 1358.

No. 1367.

Plain, - - each, $12 00 Plain, - - each, $10 00

Silver-Plated Knife Rest.



No. 651.

Chased, - - per dozen, $12 00

Silver-Plated Cups.

TORONTO SILVER PLATE CO.

Third Size Cuts.

No. 303.

Plain, Gilt. -	each,	$3 75
Chased, Gilt, -	"	4 25

No. 8.

Plain, Silver, - -	each,	$2 00
Chased, - -	"	2 75
Chased, Gilt, - -	"	3 50
Fancy Gilt, -	"	4 00

No. 14.

Plain Silver, - -	each,	$2 75
Gold Lined, -	"	3 50

No. 13.

Plain, - - -	each,	$2 00
Chased, - -	"	2 70
Chased, Gilt, - -	"	3 55
Fancy Gilt, - -	"	4 00

No. 2.

Plain, Silver, - -	each,	$2 00
Chased, - -	"	2 75
Chased, Gilt, - -	"	3 50

No. 300.

Chased Gilt, S. P., -	each,	$1 25

- each, $2 00
" 2 75
" 3 50
" 4 00

- each, $2 00
" 2 70
- " 3 55
" 4 00

300.

each, $1 25

Silver-Plated Card Receivers.

TORONTO SILVER PLATE CO.

No. 604.

Plain, - - - each, $6 00
Chased, - - " 6 75

No. 606.

Chased, - - - each, $6 25
Chased and Gilt, - " 7 00

No. 613.

Plain, - - - each, $5 75
Chased, - - " 6 75

No. 609.

Chased, - - each, $6 00

No. 805.

Chased, - - each, $3 50
Chased and Gilt, - " 4 50

No. 614.

Chased, - - each, $4 75
Chased and Gilt, - " 5 75
Engraved, Gold Inlaid, - " 9 00

Silver-Plated Napkin Rings.

TORONTO SILVER PLATE CO.

Full Size Cuts.

No. 1145.

Chased, - per dozen, $18 00

No. 032.

Plain, - per dozen, $6 50
Chased, - " 8 50
Chased and Gilt, " 11 50

No. 033.

Plain, - per dozen, $6 50
Chased, - " 8 50
Chased and Gilt, " 11 50

No. 038.

Chased, per dozen, $3 50
Chased and Gilt, " 5 50

en, $6 50
8 50
11 50

zen, $3 50
5 50

Silver-Plated Napkin Rings.

TORONTO SILVER PLATE CO.

Full Size Cuts.

M. & L. Samuel, Benjamin & Co.

No. 028.

Chased and Gilt, - per dozen, $24 00

No. 031.

Chased and Gilt, - per dozen, $27 00

No. 1112.

Chased, - per dozen, $21 00

Silver-Plated Napkin Rings.

TORONTO SILVER PLATE CO.

Full Size Cuts.

No. 1137.

Chased, - - per dozen, $24 00

No. 1102.

Chased, - - per dozen, $18 00

No. 1108.

Chased, - - per dozen, $15 00

No. 029.

Plain, - - per dozen, $15 00
Plain and Gilt, " 18 00
Fancy Gilt, " 21 00

dozen, $18 00

dozen, $15 00
" 18 00
" 21 00

Silver-Plated Sugar and Creams.

TORONTO SILVER PLATE CO.

Third Size Cuts.

No. 155, Sugar and Spoon Holder.

Chased, Blue Glass, - each, $5 00
Chased, Blue Glass, with Spoons, " 7 35

No 155, Cream.

Chased, Blue Glass, - each, $4 00

No. 153, Sugar and Spoon Holder.

Chased, without Spoons, - each, $6 50
Chased, with Spoons, - " 11 25

No. 153.

Chased and Gilt, - each, $5 00

Finest Electro-Silver-Plated Table Ware.

TORONTO SILVER PLATE CO.

Full Size Cuts.

Windsor Pattern.

Tipped Pattern.

Fiddle Pattern.

Eastlake Pattern.

"Windsor" and "Eastlake" Patterns.

Quality,	Extra Plate,	Double Plate,	Triple Plate,
Tea Spoons,	$4 75	6 00	7 25 per dozen.
Dessert Spoons,	8 50	10 00	12 50 "
Table Spoons,	9 50	12 00	14 50 "

"Tipped" and "Fiddle" Patterns.

Quality,	Extra Plate,	Double Plate,	Triple Plate,
Tea Spoons,	$4 25	5 50	6 75 per dozen.
Dessert Spoons,	7 50	9 50	11 50 "
Table Spoons,	8 50	11 00	13 50 "

Tea Spoons, three dozen; Dessert and Table, two dozen in a box.

Finest Electro-Silver-Plated Table Ware.

TORONTO SILVER PLATE CO.

Full Size Cuts.

Windsor Pattern.

Tipped Pattern.

Fiddle Pattern.

Eastlake Pattern.

"Windsor" and "Eastlake" Patterns.

Quality,	Extra Plate,	Double Plate,	Triple Plate,
Dessert Forks,	$8 50	10 50	12 50 per doz.
Medium Forks,	9 50	12 00	14 50 "

"Tipped" and "Fiddle" Pattern.

Quality,	Extra Plate,	Double Plate,	Triple Plate,
Dessert Forks,	$7 50	9 50	11 50 per doz.
Medium Forks,	8 50	11 00	13 50 "

Two dozen in a box.

Finest Electro-Silver-Plated Table Ware.

TORONTO SILVER PLATE CO.

Full Size Cuts.

Eastlake Twist Butter Knife. Eastlake Cake Knife. Eastlake Fish Knife. Eastlake Pie Knife.

For Prices see page 667.

are.

Knife.

Finest Electro-Silver-Plated Table Ware.

TORONTO SILVER PLATE CO.

Full Size Cuts.

Eastlake Sugar Shell.

Eastlake Nut Pick.

Eastlake Sugar Tongs. Tête à-Tête.

Eastlake Mustard Spoon.

For Prices see page 667.

Finest Electro-Silver-Plated Table Ware.

TORONTO SILVER PLATE CO.

Full Size Cuts.

Eastlake Preserve Shell. Eastlake Fish Fork. Eastlake Berry or Nut Spoon. Eastlake Chow-Chow Fork.

For Prices see page 667.

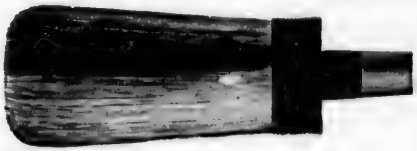
Finest Electro-Silver-Plated Table Ware.

TORONTO SILVER PLATE CO. PRICE LIST.

EASTLAKE PATTERN.	5 ounces, Extra Plate. Per dozen.	8 ounces, Double Plate. Per dozen.	12 ounces, Triple. Plate. Per dozen
Tea Spoons	$4 75	$6 00	$7 25
Dessert Spoons	8 50	10 50	12 50
Table Spoons	9 50	12 00	14 50
Salt Spoons, Silver Style Bowl	4 25	5 50	6 75
Mustard Spoons, Silver Style Bowl	4 75	6 00	7 25
Egg Spoons, Tea Spoon Shape Bowl	4 75	6 00	7 25
Berry or Nut Spoons, New Style Bowl	24 00	30 00	36 00
Ice Cream Spoons	4 75	6 00	7 25
Child's Spoons	4 75	6 00	7 25
Dessert Forks	8 50	10 50	12 50
Medium Forks	9 50	12 00	14 50
Pie Forks, Cutting Edge	9 50	11 50	13 50
Oyster Forks	7 00	9 00	11 00
Long Chow-Chow Forks	13 00	14 50	16 00
Pickle Forks	7 50	9 00	10 50
Pickle Forks, Long	10 50	12 00	13 50
Child's Forks	7 00	8 50	10 00
Fish or Salad Forks	39 00	48 00	57 00
Fish or Salad Forks, Engraved	42 00	51 00	60 00
Sugar Shells, New Style Bowl	9 00	11 00	13 00
Sugar Sifters	18 00	24 00	30 00
Sugar Tongs, New Daisy Claw	25 50	31 50	37 50
Sugar Tongs, Tête-à-Tête, New Daisy Claw	22 00	25 00	28 00
Nut Picks	4 75	6 00	7 25
Preserve Shells	18 00	24 00	30 00
Buckwheat Cake Lifters, Engraved	33 00	42 00	51 00
Butter Knives, Flat Solid Handles	9 00	11 00	13 00
Butter Knives, Twist or Reversed Handles	10 50	12 50	14 50
Child's Knives, Flat Solid Handles	9 00	10 50	12 00
Pie Knives, Improved Blade	39 00	48 00	57 00
Pie Knives, Engraved, Improved Blade	42 00	51 00	60 00
Cake Knives, Saw Back, Improved Blade	39 00	48 00	57 00
Cake Knives, Saw Back, Engraved, Improved Blade	42 00	51 00	60 00
Fish Knives, Improved Blade	39 00	48 00	57 00
Fish Knives, Engraved, Improved Blade	42 00	51 00	60 00
Tea Knives, Flat Solid Handles	9 00	10 50	12 00
Cream Ladles, Silver Style Bowl	13 50	16 50	19 50
Gravy Ladles, Silver Style Bowl	18 00	22 50	27 00
Oyster Ladles, Silver Style Bowl	39 00	48 00	57 00
Soup Ladles, Silver Style Bowl	51 00	63 00	75 00
WINDSOR PATTERN.			
Tea Spoons	4 75	6 00	7 25
Dessert Spoons	8 50	10 50	12 50
Table Spoons	9 50	12 00	14 50
Dessert Forks	8 50	10 50	12 50
Medium Forks	9 50	12 00	14 50
Oyster Forks	7 00	9 00	11 00
Pickle Forks	7 50	9 00	10 50
Sugar Shells, New Style Bowl	9 00	11 00	13 00
Salt Spoons, New Style Bowl	4 25	5 50	6 75
Mustard Spoons, New Style Bowl	4 75	6 00	7 25
Butter Knives, Flat Solid Handles	9 00	11 00	13 00
Butter Knives, Twist or Reversed Handles	10 50	12 50	14 50
Julep Strainers, Fluted Bowl	12 00	15 00	18 00
Julep Strainers, Plain Bowl	12 00	15 00	18 00
Bar Spoons, Twist, Long Handles	8 50	10 00	11 50
Bar Spoons, Twist, Short Handles	7 00	8 50	10 00
TIPPED AND FIDDLE PATTERNS.			
Tea Spoons	4 25	5 50	6 75
Dessert Spoons	7 50	9 50	11 50
Table Spoons	8 50	11 00	13 50
Dessert Forks	7 50	9 50	11 50
Medium Forks	8 50	11 00	13 50
Oyster Forks	6 00	8 00	10 00
Pickle Forks	6 50	8 00	9 50
Sugar Shells, New Style Bowl	6 50	8 50	10 50
Salt Spoons, New Style Bowl	3 75	5 00	6 25
Mustard Spoons, New Style Bowl	4 25	5 50	6 75
Julep Strainers, Plain Bowl	12 00	15 00	18 00
Julep Strainers, Fluted Bowl	12 00	15 00	18 00
Butter Knives, Flat Solid Handles	8 00	10 00	12 00
Butter Knives, Twist or Reversed Handles	10 00	12 00	14 00
Daisy Twist Bar Spoons, Long	8 50	10 00	11 50
Daisy Twist Bar Spoons, Short	7 00	8 50	10 00

Paint Brushes.

C. BOECKH & SONS.



A **1. Extra Ground.**

All Pure Bristles. Grey Centre.

IN STOCK.			IN STOCK.		
No. 7....	per doz.,	$1 10	No. 1-0...	per doz.,	$5 00
No. 5....	"	1 80	No. 3-0...	"	8 00
No. 3....	"	2 75	No. 5-0...	"	11 25
No. 1....	"	3 75	No. 7-0...	"	15 50

TO ORDER.

No.	2-0	4-0	6-0	8-0
Per dozen,	$6 25	9 50	13 50	17 50

A **Oval Extra Ground.**

All Pure Bristles. Grey Centre.

IN STOCK.			IN STOCK.		
No. 7....	per doz.,	$1 25	No. 1-0...	per doz.,	$5 25
No. 5....	"	2 00	No. 3-0...	"	8 50
No. 3....	"	3 00	No. 5-0...	"	12 00
No. 1....	"	4 25	No. 7-0...	"	16 00

TO ORDER.

No.	2-0	4-0	6-0	8-0
Per dozen,	$6 50	10 00	14 00	18 00

A **2.—White B.**

All White Bristles. A Standard Brush.

IN STOCK.			IN STOCK.		
No. 7....	per doz.,	$2 00	No. 1-0...	per doz.,	$7 00
No. 5....	"	2 75	No. 3-0...	"	10 00
No. 3....	"	4 00	No. 5-0...	"	14 00
No. 1....	"	5 00	No. 7-0...	"	19 50

TO ORDER.

No.	2-0	4-0	6-0	8-0
Per dozen,	$8 25	11 75	16 50	23 00

B **3.—Super O.K.**

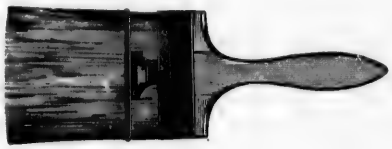
Very best selected White Russian Bristles. Round or Oval. Varnished Handles.

No. 4-0..	per doz.,	$14 75	No. 7-0..	per doz.,	$23 00
No. 5-0..	"	17 00	No. 8-0..	"	26 50
No. 6-0..	"	19 75	No. 9-0..	"	30 00

B **3 A.—Blind Brushes.**

Warranted all best White Bristles.

ROUND.			OVAL.		
No. 2-0...	Per doz.,	$7 25	No. 2-0...	Per doz.,	$7 50
No. 4-0...	"	12 00	No. 4-0...	"	12 25



A **4.—The Patent Flat Paint.**

Warranted all Bristles. Grey Centre.

No. 3-0.				*No. 4-0.*			
3	inch..	per doz.,	$8 00	3	inch.	per doz.,	$11 00
3½	inch..	"	10 00	3½	inch.	"	12 50
4	inch..	"	11 50	4	inch.	"	14 50
5	inch..	"	13 00	5	inch.	"	16 75
6	inch..	"	15 00	6	inch.	"	18 50

No. 5-0.				*No. 6-0.*			
3	inch.	per doz.,	$14 00	3	inch.	per doz.,	$16 50
3½	inch.	"	16 00	3½	inch.	"	18 75
4	inch.	"	18 00	4	inch.	"	22 00
5	inch.	"	21 00	5	inch.	"	25 50
6	inch.	"	24 00	6	inch.	"	28 50

Brass Bound. Warranted all Bristles. All White.

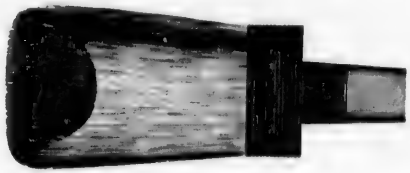
No. 3-0.				*No. 4-0.*			
3	inch..	per doz.,	$9 75	3	inch.	per doz.,	$12 00
3½	inch..	"	11 25	3½	inch.	"	14 00
4	inch..	"	13 00	4	inch.	"	16 00
5	inch..	"	15 00	5	inch.	"	18 25
6	inch..	"	17 00	6	inch.	"	20 25

No. 5-0.				*No. 6-0.*			
3	inch..	per doz.,	15 50	3	inch.	per doz.,	$19 00
3½	inch..	"	17 50	3½	inch.	"	21 50
4	inch..	"	20 00	4	inch.	"	25 50
5	inch..	"	23 00	5	inch.	"	29 25
6	inch..	"	25 00	6	inch.	"	32 75

Patent Bridle is attached, when specially ordered, without extra charge.

Varnish Brushes.

C. BOECKH & SONS.



Oval Varnish.

A 6.—Quality A.

Wire Bound. All White Bristles.

IN STOCK.			IN STOCK.		
No. 7	per doz.,	$1 80	No. 2-0	per doz.,	$7 25
No. 5	"	3 00	No. 4-0	"	10 25
No. 3	"	4 00	No. 6-0	"	14 25
No. 1	"	5 00	No. 8-0	"	20 00

TO ORDER.

No.	1-0	3-0	5-0	7-0
Per dozen,	$6 00	8 75	12 00	17 00

A 7. Quality B Super.

All White Bristles. Specially adapted for Painters. Varnished Handles.

IN STOCK.			TO ORDER.		
No. 1-0	per doz.,	$7 50	No. 2-0	per doz.,	$9 00
No. 3-0	"	10 50	No. 4-0	"	12 25
No. 5-0	"	14 50	No. 6-0	"	17 00
No. 7-0	"	20 00	No. 8-0	"	23 50

A 8.—Super French Oval.

Finest French Bristles. Shaped Handles.

No. 1-0 . . per doz., $9 00 No. 2-0 per doz., $11 00
No. 3-0 . . per doz., $13 00

Chiselled Varnish.

B 9.—Oval.

Finest French Bristles. Varnished Handles.

IN STOCK.			TO ORDER.		
No. A	per doz.,	$4 25	No. B	per doz.,	$5 25
No. C	"	6 50	No. D	"	7 50
No. 1	"	9 00	No. 2	"	10 50
No. 3	"	13 00	No. 4	"	15 50
No. 5	"	18 00	No. 6	"	20 50
No. 7	"	23 00	No. 8	"	25 00

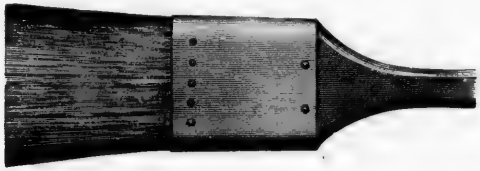
A 10.—Flowing.

Finest French Bristles. Set with Glue.

SINGLE THICK.			DOUBLE THICK.		
1 inch	per doz.,	$3 75	1 inch	per doz.,	$4 50
1½ inch	"	5 00	1½ inch	"	6 50
2 inch	"	6 50	2 inch	"	9 00
2½ inch	"	9 00	2½ inch	"	12 00
3 inch	"	12 00	3 inch	"	14 00

Varnish Brushes.

C. BOECKH & SONS.



A 22—Flat.

Best French Bristles.

1st quality.			2nd quality.		
1 inch..	per doz.,	$2 30	1 inch..	per doz.,	$1 80
1½ inch..	"	3 25	1½ inch..	"	2 60
2 inch..	"	4 80	2 inch..	"	3 25
2½ inch..	"	6 50	2½ inch..	"	4 25
3 inch...	"	9 00	3 inch..	"	6 00
3½ inch..	"	11 00	3½ inch..	"	7 50

3rd quality.

1 inch..	per doz.,	$1 20
1½ inch..	"	1 75
2 inch..	"	2 25
2½ inch..	"	2 75
3 inch..	"	3 50
3½ inch..	"	4 00

A 22½—Flat, Chiselled Point.

Pure French Bristles.

Inch,	1	1½	2	2½	3
Per dozen,	$2 25	3 00	4 00	5 00	6 75

Sash Tools.

A 18—Ordinary Twine Bound.

All White Bristles.

In stock.			To order.		
No. 2..	per doz.,	$0 75	No. 1..	per doz.,	$0 50
No. 4..	"	1 10	No. 3..	"	1 00
No. 6..	"	1 50	No. 5..	"	1 25
No. 8..	"	2 25	No. 7..	"	1 90
No. 10..	"	3 25	No. 9..	"	2 75
No. 12..	"	4 50	No. 11..	"	3 75

A 21—Super, Twine Bound.

Finest Russian Bristles. For Painters' Use.

In stock.			To order.		
No. 2..	per doz.,	$1 50	No. 1..	per doz.,	$1 25
No. 4..	"	2 25	No. 3..	"	1 85
No. 6..	"	3 15	No. 5..	"	2 75
No. 8..	"	4 50	No. 7..	"	3 75
No. 10..	"	6 00	No. 9..	"	5 25

A 19—Extra French.

Tin Bound. Finest French Bristles.

In stock.			To order.		
No. 2..	per doz.,	$1 10	No. 1..	per doz.,	$0 90
No. 4..	"	1 70	No. 3..	"	1 35
No. 6..	"	2 40	No. 5..	"	2 15
No. 8..	"	3 50	No. 7..	"	2 85
No. 10..	"	4 80	No. 9..	"	4 20

A 20—Flat.

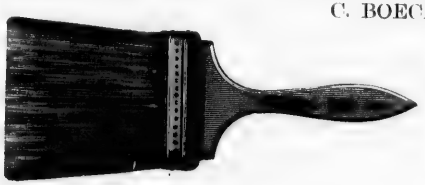
Tin Bound. Finest French Bristles.

In stock.			To order.		
No. 2..	per doz.,	$1 10	No. 1..	per doz.,	$0 90
No. 4..	"	1 70	No. 3..	"	1 35
No. 6..	"	2 65	No. 5..	"	2 15
No. 8..	"	4 00	No. 7..	"	3 25
No. 10..	"	5 60	No. 9..	"	4 80

For use in shellac or spirit varnish, sash tools must be specially ordered.

Wall or Paste Brushes.

C. BOECKH & SONS.



A—5.

Brass Bound. Warranted all White Bristles.

No. 3-0.			*No. 4-0.*		
3 inch..	per doz.,	$9 00	3 inch.	per doz.,	$11 00
3½ inch..	"	10 00	3½ inch.	"	12 25
4 inch..	"	11 00	4 inch.	"	14 00
5 inch..	"	13 00	5 inch.	"	16 50
6 inch..	"	15 00	6 inch.	"	19 00

No. 5-0.			*No. 6-0.*		
3 inch.	per doz.,	$12 75	3 inch.	per doz.,	$17 00
3½ inch.	"	14 50	3½ inch.	"	19 50
4 inch.	"	16 50	4 inch.	"	22 00
5 inch.	"	19 50	5 inch.	"	26 00
6 inch.	"	22 50	6 inch.	"	30 00

No. 8-0.		
3 inch.	per doz.,	$21 50
3½ inch.	"	24 00
4 inch.	"	28 00
5 inch.	"	32 00
6 inch.	"	36 00

A

Brass Bound. Grey Centre. All Bristles.

No. 2-0,	3	3½	4 inch.
Per dozen,	$6 50	7 00	7 50
No. 3-0,	3	3½	4 inch.
Per dozen,	$7 50	8 00	9 00

A—17.

Leather Bound. Varnished Handles.

No. C. 3-0.			*No. Ex. 2-0.*		
3 inch...	per doz.,	$4 60	3 inch...	per doz.,	$5 25
4 inch...	"	6 00	4 inch...	"	6 50

No. Sup. 3-0.			*No. 4-0.*		
3 inch...	per doz.,	$7 00	4 inch...	per doz.,	$11 00
4 inch...	"	9 00	5 inch...	"	13 00
			6 inch...	"	15 00

No. 5-0.			*No. 6-0.*		
4 inch...	per doz.,	$15 25	4 inch...	per doz.,	$20 00
5 inch...	"	17 00	5 inch...	"	24 00
6 inch...	"	19 00	6 inch...	"	28 00

Whitewash Brushes or Heads.

A 15.—C. Whitewash.

Mixed Hair. Shaped Handles.

No. 1.			*No. 1-0.*		
6 inch...	per doz.,	$2 35	6 inch...	per doz.,	$3 10
7 inch...	"	2 75	7 inch...	"	3 50
8 inch...	"	3 20	8 inch...	"	4 00
9 inch...	"	3 75	9 inch...	"	4 50

No. 2-0.			*No. 3-0.*		
6 inch...	per doz.,	$4 50	6 inch...	per doz.,	$6 50
7 inch...	"	5 00	7 inch...	"	7 50
8 inch...	"	5 60	8 inch...	"	8 40
9 inch...	"	6 25	9 inch...	"	9 50

No. 4-0.			*No. 5-0.*		
6 inch..	per doz.,	$11 00	6 inch..	per doz.,	$15 00
7 inch..	"	12 00	7 inch..	"	16 50
8 inch..	"	13 20	8 inch..	"	18 50
9 inch..	"	14 50	9 inch..	"	21 00

A 16.—Ex. Whitewash.

Grey Centre. All Russian Bristles.

No. 4-0.			*No. 5-0.*		
7 inch..	per doz.,	$17 00	7 inch..	per doz.,	$22 25
8 inch..	"	18 75	8 inch..	"	25 00
9 inch..	"	20 50	9 inch..	"	28 00

No. 6-0.			*No. 8-0.*		
7 inch..	per doz.,	$30 00	7 inch..	per doz.,	$42 00
8 inch.	"	33 00	8 inch..	"	45 00
9 inch..	"	36 00	9 inch..	"	48 00

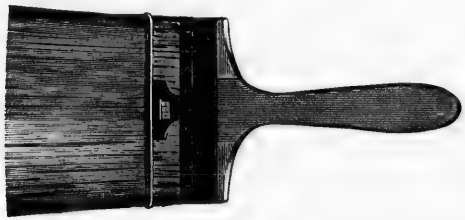
A B. B. Whitewash.

Brass Bound. All Bristles.

No. 2-0.			*No. 3-0.*		
6 inch..	per doz.,	$7 50	6 inch..	per doz.,	$8 50
7 inch..	"	8 50	7 inch..	"	9 75
8 inch..	"	9 50	8 inch..	"	11 50
9 inch .	"	10 50	9 inch..	"	13 50

Kalsomine Brushes or Heads.

C. BOECKH & SONS.



A 11.—C Kalsomine.

Zinc Bound. All White. Mixed Hair.

No. 2-0.			*No. 3-0.*		
5 inch...	per doz.,	$5 50	5 inch...	per doz.,	$6 50
6 inch...	"	6 50	6 inch...	"	7 50
7 inch...	"	7 25	7 inch...	"	8 50
8 inch...	"	8 00	8 inch...	"	9 50

No. 4-0.			*No. 6-0.*		
5 inch...	per doz.,	$8 00	5 inch..	per doz.,	$10 00
6 inch...	"	9 50	6 inch..	"	11 00
7 inch...	"	11 00	7 inch..	"	12 00
8 inch...	"	12 00	8 inch..	"	13 00

A 13.—Extra Kalsomine.

Galv. Iron Bound. All White Russian Bristles.

No. 5-0.			*No. 6-0.*		
6 inch..	per doz.,	$19 50	6 inch..	per doz.,	$28 00
7 inch..	"	23 00	7 inch..	"	32 50
8 inch..	"	27 00	8 inch..	"	36 50

No. 8-0.

6 inch..	per doz.,	$35 00
7 inch..	"	40 00
8 inch..	"	46 00

A 12.—G. M. Kalsomine Heads.

Galv. Iron Bound. All Russian Bristles. Grey Centre.

No. 4-0.			*No. 6-0.*		
7 inch..	per doz.,	$22 25	7 inch..	per doz.,	$28 75
9 inch..	"	24 25	8 inch..	"	32 50

No. 8-0.

7 inch..	per doz.,	$36 50
8 inch..	"	42 00

No. 4-0.

No. 6...	per doz.,	$16 50	No. 7...	per doz.,	18 25
			No. 8...	per doz.,	$22 00

B 14.—Super O. K. Kalsomine.

Brass Bound. Best Russian Bristles. All White.

7 INCH WIDE.

X	thick	per doz.,	$47 00
XX	thick	"	51 00
XXX	thick	"	56 00

8 INCH WIDE.

X	thick	per doz.,	$51 50
XX	thick	"	56 50
XXX	thick	"	62 00

B

Brass Bound. Best Russian Bristles. Grey Centre.

7 INCH WIDE.

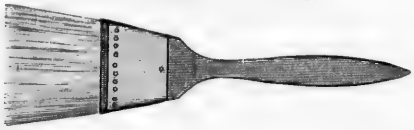
X	thick	per doz.,	$43 00
XX	thick	"	48 00
XXX	thick	"	52 00

8 INCH WIDE.

X	thick	per doz.,	$48 50
XX	thick	"	52 50
XXX	thick	"	57 00

Painters' Graining Tools.

C. BOECKH & SONS.



A 23.—Bristle, Fan or Top Grainers.

2½ inch..per doz.,	$4 20	3½ inch..per doz.,	$6 00
3 inch.. "	5 40	4 inch.. "	7 20

A 24. Bristle Mottlers.

1 inch..per doz.,	$1 25	2½ inch..per doz.,	$3 00
1½ inch.. "	1 80	3 inch.. "	3 60
2 inch.. "	2 40	3½ inch.. "	4 20

A 25.—Bristle Mottlers. Extra Full.

2½ inch..per doz.,	$6 50	3½ inch.per doz.,	$10 50
3 inch.. "	8 50	4 inch. "	12 50

E 25 A.—Graining Combs.

Best Quality Steel.

Coarse, Fine, Middle and Graduated. In Cases, 1 doz. assorted, $1 10.

A 27. Wall Stippling Brushes.

ALL GREY.		ALL WHITE.	
3½x7½ inch.....per doz.,	$32 00	3½x7½ inch.....per doz.,	$38 00

Painters' Tools.

A 26.—Painters' Dusters.

Wire Drawn. Grey Centre.

EXTRA. Black Casings.			SUPER. White Casings.		
No. 4...per doz.,		$4 00	No. 4...per doz.,		$5 60
No. 6... "		6 00	No. 6... "		7 75
No. 8... "		8 00	No. 8... "		9 75
No. 10... "		10 00	No. 10... "		12 75

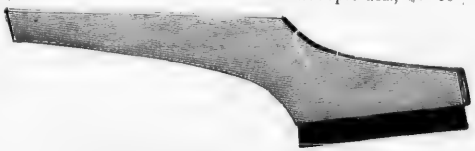
A 34. Seaming Brushes.

ALL BRISTLES.		MIXED HAIR.	
No. 1....per doz.,	$2 40	No. 1....per doz.,	$1 20
No. 2.... "	3 00	No. 2.... "	1 80

A 34 A.—Painters' Filling Brushes.

Round. Wire Drawn.

3 inch...per doz., $8 40 | 4 inch...per doz., $13 20



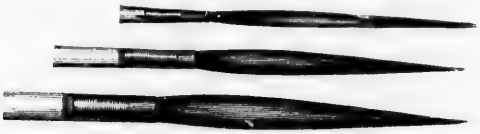
A 32.—Brick Headers or Trenchers.

For Striping Brick Walls.

Inch,	2	2½	3
Per dozen,	$1 40	1 40	1 40

Carriage and Coach Painters' Brushes.

C. BOECKH & SONS.



C

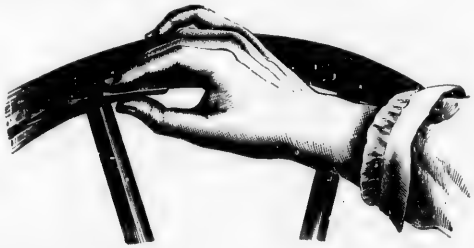
42.—Camel Hair Writers and Stripers.

No. 33, C.H. Writers, 1 -1¼ Assorted Nos. 1 to 8.....per gross, $1 50
No. 34, C.H. Stripers, 2 -2¼ Assorted Nos. 1 to 8..... " 1 90
No. 35, C.H. Writers, 1 -1¼ Assorted. Rose bound..... " 1 90
No. 36, C.H. Stripers, 2 -2¼ Assorted. Rose bound..... " 2 65
No. 38, C.H. Writers, 1—1¼ Assorted. Green and Rose, Silk bound ..... " 3 25
No. 38A, C.H. Stripers, 2 -2¼ Assorted. Green and Rose, Silk bound..... " 4 15
No. 39, C.H. Swan Quill Writers, 1—1¼ ..... " 4 90
No. 40, C.H. Swan Quill Stripers, 2 -2¼ ..... " 7 15

C

43. Ox Hair Writers and Stripers.

No. 75A, Ox Hair Writers, Extra quality, Assorted, Nos. 1 to 8.....per doz., $0 70, per gross, $6 00
No. 76A, Ox Hair Stripers, Extra quality, Assorted, Nos. 1 to 8..... " 0 85, " 8 00



C

44.—Black Sable Writers and Stripers.

No. 90 X—B. S. Writers, Ex. Ex. Superfine.

	Ex. Goose.	Goose.	Duck.	Crow.	Lark.
Per doz.,	$5 00	4 00	2 00	1 15	1 00

Assorted, Goose, Duck and Crow....per doz., $2 50
per gross, 28 00

No. 99.—B. S. Writers. Very fine.

	Ex. Goose.	Goose.	Duck.	Crow.	Lark.
Per doz.,	$4 00	3 00	1 50	0 90	0 80

Assorted, Goose, Duck and Crow.. .per doz., $2 00
per gross, 21 00

No. 100.—B. S. Writers. Ordinary.

Assorted Sizes, Nos. 1 to 8 per doz., $0 80, per gross, $8 00

No. 99 A X—B. S. Stripers, Ex. Ex. Superfine.

	Ex. Goose.	Goose.	Duck.	Crow.	Lark.
Per doz.,	$6 00	4 20	2 10	1 25	1 00

Assorted, Goose, Duck and Crow....per doz., $3 00
per gross, 30 00

No. 99 A—B. S. Stripers. Very fine.

	Ex. Goose.	Goose.	Duck.	Crow.	Lark.
Per doz.,	$4 25	3 15	1 60	1 00	0 85

Assorted, Goose, Duck and Crow....per doz., $2 25
per gross, 22 50

No. 100 A—B. S. Stripers. Ordinary.

Assorted Sizes, Nos. 1 to 8.....per doz., $1 00
per gross, $11 00

Carriage and Coach Painters' Brushes.

C. BOECKH & SONS.

C 45.—Camel Hair Varnish.

Cedar Handles.

1 inch..	per doz.,	$1 70	2½ inch..	per doz.,	$4 25
1½ inch..	"	2 55	3 inch..	"	5 10
2 inch..	"	3 40	3½ inch..	"	5 95

C 46.—Camel Hair Color Brushes.

Extra Thick. Cedar Handles.

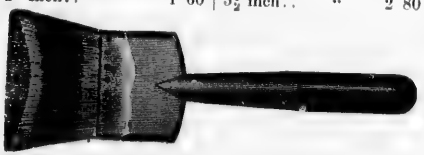
1 inch..	per doz.,	$2 25	2½ inch..	per doz.,	$5 65
1½ inch..	"	3 40	3 inch..	"	6 75
2 inch..	"	4 50	3½ inch..	"	7 90

C 47.—Camel Hair Copying Brushes.

1 inch..	per doz.,	$1 30	2½ inch..	per doz.,	$3 30
1½ inch..	"	1 95	3 inch..	"	3 95
2 inch..	"	2 65	3½ inch..	"	4 60

C 48.—Bear Hair Mottlers.

1 inch..	per doz.,	$0 80	2½ inch..	per doz.,	$2 00
1½ inch..	"	1 20	3 inch..	"	2 40
2 inch..	"	1 60	3½ inch..	"	2 80



C 49.—Fitch Flowing Varnish Brushes.

Square. Single Thick.

1 inch..	per doz.,	$2 45	2½ inch..	per doz.,	$6 15
1½ inch..	"	3 70	3 inch..	"	7 40
2 inch..	"	4 90	3½ inch..	"	8 60

Square. Double Thick.

1 inch..	per doz.,	$3 50	2½ inch..	per doz.,	$8 80
1½ inch..	"	5 30	3 inch..	"	10 55
2 inch..	"	7 00	3½ inch..	"	12 30

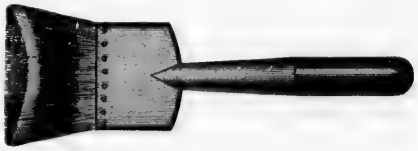
C 51.—Fitch Flowing Varnish Brushes.

Chiselled. Single Thick.

1 inch..	per doz.,	$3 20	2½ inch..	per doz.,	$8 00
1½ inch..	"	4 80	3 inch..	"	9 60
2 inch..	"	6 40	3½ inch..	"	11 20

Chiselled. Double Thick.

1 inch..	per doz.,	$4 00	2½ inch..	per doz.,	$10 00
1½ inch..	"	6 00	3 inch..	"	12 00
2 inch..	"	8 00	3½ inch..	"	14 00



C 53.—Badger Flowing Varnish Brushes.

Square. Single Thick.

1 inch..	per doz.,	$4 80	2½ inch..	per doz.,	$12 00
1½ inch..	"	7 20	3 inch..	"	14 40
2 inch..	"	9 60	3½ inch..	"	16 80

Square. Double Thick.

1 inch..	per doz.,	$6 40	2½ inch..	per doz.,	$16 00
1½ inch..	"	9 60	3 inch..	"	19 20
2 inch..	"	12 80	3½ inch..	"	22 40

C 55.—Badger Flowing Varnish Brushes.

Chiselled. Single Thick.

1 inch..	per doz.,	$5 40	2½ inch..	per doz.,	$13 50
1½ inch..	"	8 10	3 inch..	"	16 20
2 inch..	"	10 80	3½ inch..	"	18 90

Chiselled. Double Thick.

1 inch..	per doz.,	$7 20	2½ inch..	per doz.,	$18 00
1½ inch..	"	10 80	3 inch..	"	21 60
2 inch..	"	14 40	3½ inch..	"	25 20

C 57.—Badger Blenders.

Round. Softeners.

Nos.	1	3	5	7	9
Per dozen,	$1 25	3 00	5 65	9 85	14 25

C 58.—Badger Blenders.

Flat. Extra Quality.

Set in Bone, 3 to 6 inches wide . . . . . per inch, $0 40

Set in Wood . . . { Each, $2 50 4 10 6 00
Width, 3 4 5 Inch

Artists' and Gilders' Brushes.

C. BOECKH & SONS.

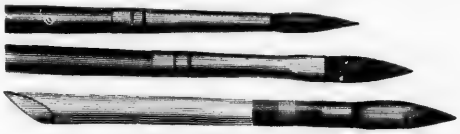
C 39.—Camel Hair Brushes.

No. 27, Round C. H. Gilders' Dusters or Mops. Pointed Tops.

Nos.	1	3	5	7	9	11	14	16	18	20
Per dozen,	$0 75	1 25	2 25	3 65	5 25	7 50	12 75	16 90	21 40	27 00

No. 50, C. H. Tips in cards. Best.

1 inch to $2\frac{1}{2}$ inch long, by $3\frac{1}{2}$ inch wide ....per gross, $11 25



C 40.—Red Sable Brushes.

No. 77, Red Sable Pencils in quill. Extra superfine.

	Extra Goose.	Goose.	Duck.	Crow.	Lark.
Per dozen,	$8 45	7 05	3 80	1 90	1 45

Assorted Goose, Duck and Crow ..per dozen, $4 20

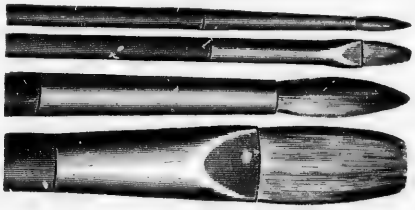
No. 81 A, Red Sable Brushes for water colors. Bound in Alabata.

Nos.	1	2	3	4	5	6
Round, per doz.,	$2 75	3 50	4 70	6 25	8 20	10 15

No. 82, Red Sable Artists' Brushes for oil colors. Large English Sizes—Long Red Polished Handles.

Round or Flat, Nos.	1	2	3	4	5	6
Per dozen,	$1 55	2 85	3 90	4 85	5 60	7 05

Assorted, Nos. 1 to 6,.....per dozen, $4 50



C 41.—Artists' or Marking Brushes.

No. 123 A, Ordinary Marking Brushes. Bristles. Round or Flat. White Handles.

Assorted Nos. 1 to 6.....per gross, $3 60

No. 123 R, Extra Artists' Brushes. Bristles. Round or Flat. Red Painted Handles.

Nos.	1	2	3	4	5	6
Per dozen,.....	$0 35	0 45	0 55	0 65	0 75	0 85

Assorted, Nos. 1 to 6, per doz., $0 60 ; per gross, $5 50

No. 124, Extra Superfine Artists' Brushes. Bristles. Red Polished Handles.

Nos.	1	2	3	4	5	6
Per dozen,	$0 50	0 60	0 70	0 80	0 90	1 00

Assorted, Nos. 1 to 6, per doz., $0 75 ; per gross, $7 50

No. 124 B, Ex., Extra Superfine Artists' Brushes. Super. French Hair. Domed Point. Yellow Polished Handles.

No. 3-0...per doz.,	$0 90	No. 2...per doz.,	$1 10
No. 2-0... "	0 90	No. 4... "	1 45
No. 1-0,.. "	0 90	No. 6... "	1 80

No. 126, Extra Wide, Flat Artists' Brushes. Bristles. Red Polished Handles.

Inch,	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1	$1\frac{1}{8}$	$1\frac{1}{4}$	$1\frac{1}{2}$
Per doz.,	$0 75	0 90	1 00	1 10	1 30	1 60	1 75	2 40

No. 18 M, Round Camel Hair Marking Brushes. Red Polished Handles.

Nos.	1	2	3	4
Per gross,	$4 50	5 30	6 00	6 80

Scrubbing Brushes.

C. BOECKH & SONS.

A 60.—White Fibre.

No. 1, Single Wing	per dozen,	$1 90
No. 2, Double Wing	"	2 25
No. 3, Double Wing	"	2 65
No. 4, Double Wing	"	3 35
No, 5, Double Wing, Varnished Top	"	4 25

A 61.—Grey Fibre.

No. 1, Single Wing	per dozen,	$2 40
No. 2, Double Wing	"	2 85
No. 3, Double Wing	"	3 40
No. 4, Double Wing	"	4 25
No. 5, Double Wing, Varnished Top	"	5 00

A 63 A.—Corn Scrubs.

No. 1...per dozen, $1 15 | No. 2...per dozen, $1 80

A 65.—Extra Scrubs.

Mixed Grey Russian Bristles. Varnished Top.

Nos.	3	4	5	6
Per dozen,	$4 10	4 50	5 00	5 50

E 67.—Heather Scrubs.

Round. For Cleaning Pots, Sinks, etc.

Per dozen, ... $0 70

A 62.—Monkey Bass.

No. 1, Single Wing	per dozen,	$2 50
No. 2, Double Wing	"	2 85
No. 3, Double Wing	"	3 20
No. 4, Double Wing	"	3 85
No. 5, Double Wing, Varnished Top	"	5 00

A 63.—French Whisk.

No. 1, Single Wing	per dozen,	$2 50
No. 2, Double Wing	"	2 85
No. 3, Double Wing	"	3 20
No. 4, Double Wing	"	3 85
No. 5, Double Wing, Varnished Top	"	5 00

A 64. Lorne Scrubs. 64 A. Reed Scrubs.

Best Chestnut Fibre.		Best Spanish Reed.	
No. 1...per dozen,	$3 15	No. 1...per dozen,	$3 00
No. 2... "	3 75	No. 2... "	3 60

A 66.—Deck Scrubs.

Mixed Hair.		French Whisk.	
No. 2...per dozen,	$6 00	No. 2. per dozen,	$8 40
No. 4... "	9 00	No. 4.. "	10 80

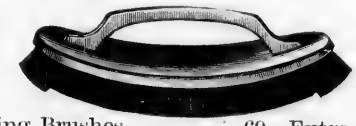
Fibre Rubber Deck	per dozen,	$6 00
Bass Rubber Deck	"	5 25

A Corn Deck Scrubs.

No. 1 ..... per dozen, $4 00

Handles, 36 cents per dozen, net.

Stove Brushes.



A 68.—Stove or Polishing Brushes.

No. 2, Grey Centre	per dozen,	$2 10
No. 3, Grey Centre	"	2 30
No. 4, Grey Centre	"	2 55
No. 4½, White Centre	"	3 00
No. 5, White Centre	"	3 60
No. 6, Grey Centre	"	4 50
No. 7, All Black	"	5 60
No. 8, All Black	"	6 60
No. 9, All Black	"	8 40
No. 10, All Black	"	9 50

70.—Register Stove Brushes.

Small...per dozen, $4 60 | Large...per dozen, $6 30

69.—Extra Stove Brushes. New Styles.

No. 15, Plain Top	per dozen,	$4 50
No. 16, Varnished Top	"	5 85
No. 17, Plain Top	"	3 60
No. 18, Varnished Top	"	5 85
No. 19, Plain Top	"	4 60
No. 20, Varnished Top	"	6 80
"Ferret"	per dozen,	$5 50

71.—Round Oil.

For applying Black Lead, etc.

No. 1, White Centre	per dozen,	$1 15
No. 2, Grey Centre	"	1 40

Shoe Brushes.

C. BOECKH & SONS.

A 73.—Oval or Handled Shoe.

No. 1	per dozen, $2 15	No. 4½	per dozen, $5 20
No. 3	" 2 75	No. 5	" 6 50
No. 3½	" 3 40	No. 6	" 7 20
No. 4	" 4 15	No. 7	" 8 00

A 74.—Top Knot Shoe.

No. 2	per dozen, $2 00	No. 6	per dozen, $4 20
No. 3	" 2 40	No. 7	" 5 25
No. 4	" 3 10	No. 8	" 6 30
No. 5	" 3 75	No. 9	" 8 40

A 75.—Roached Shoe.

Hard, Medium and Soft. In Sets.

No. 6	per dozen, $4 00	No. 8	per dozen, $6 40
No. 6	per set, 1 00	No. 8	per set, 1 60

No. 10 . . per dozen, $9 00
No. 10 . . per set, 2 25

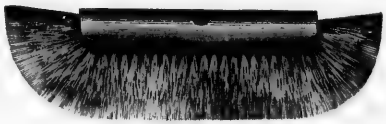
A 76.—Shoe Daubers.

Handled—For applying Blacking.

No. 1, Single . . . . . per dozen, $1 60
No. 2, Single . . . . . " 2 00
No. 3, Double . . . . . " 2 50

Brushes.

Set Work.



Hair Broom.

A 86.—Hair Brooms.

No. 6	per doz., $6 60	No. 12	per doz., $12 00
No. 8	" 8 40	No. 14	" 15 00
No. 10	" 10 80	No. 16	" 18 00

Handles 48c. per doz., net.

A 87.—Super. Hair Brooms.

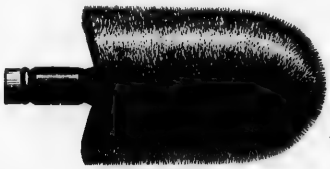
No. 18, All Black Bristles . . . . . per doz., $24 00
No. 20, All White Bristles . . . . . " 30 00

Handles 60c. per doz., net.

A 88.—Window Brushes.

No. 1	per doz., $5 25	No. 3	per doz., $9 00
No. 2	" 7 50	No. 4	" 10 80

Long Poles, 10 feet . . . . . per doz., $1 50
Long Poles, 15 feet . . . . . " 2 25



Turk's Head.

A 89.—Turk's Head or Cobweb Brushes.

No. 1 . . . per doz., $9 00 | No. 2 . . . per doz., $12 00
No. 3 . . . per doz., 15 00

Long Poles, 10 feet . . . . . per doz., net, $1 50
Long Poles, 15 feet . . . . . " " 2 25

A 90.—Hearth Dusters.

No. 1, Black Handles . . . . . per doz., $6 00
No. 2, Gilt Handles . . . . . " 8 40
No. 3, Gilt Handles, White Hair . . . " 9 60
No. 4, Gilt Handles, Extra White Hair " 12 00

t Shoe.

6...per dozen, $4 20
7.. " 5 25
8... " 6 30
9... " 8 40

ubers.

g Blacking.

....per dozen, $1 60
... " 2 00
.... " 2 50

obweb Brushes.

2...per doz., $12 00
15 00
.per doz , net, $1 50
. " " 2 25

usters.

....per doz., $6 00
.... " 8 40
r .... " 9 60
Hair " 12 00

Brushes.

C. BOECKH & SONS.

Set Work.

Double Bannister.

A 91.—Bannister or Dusting Brushes.

Plain.

No. 3, Varnished Handles.....per doz., $3 60
No. 4, Varnished Handles..... " 5 00
No. 5, Varnished Handles..... " 6 00
No. 6, Varnished Handles..... " 7 20

Double.

No. 3, Varnished Handles.....per doz., $5 00
No. 4, Varnished Handles..... " 6 50
No. 5, Varnished Handles..... " 7 50
No. 6, Varnished Handles..... " 8 75

Fancy.

No. 3, Japanned Handles .....per doz., $6 25
No. 4, Japanned Handles ..... " 7 50
No. 5, Japanned Handles .. .. " 8 50
No. 6, Japanned Handles ..... " 10 00

A 95.—Plush Dusters.

No. 1....per doz., $6 00 | No. 2....per doz., $9 00

Window Brush.

A 92—French Whisk Bannisters.

Soft.	Stiff.	Double.
Per doz., $7 20	Per doz., $6 25	Per doz., $8 00

A 93—Handled Window Brushes.

No. 1....per doz., $6 00 | No. 2....per doz., $9 00

No. 3.. .per doz., $12 00

A 94.—Furniture or Picture Dusters.

No. 1....per doz., $6 00 | No. 2...per doz., $10 00

Toilet Brushes.

D 107.—Patent Bath or Flesh Brushes.

Large, Straight Handle.....per doz., $10 75 | Large, Bent Handle.....per doz., $11 50

Can be used wet or dry.

Toilet Brushes.

A **108.—Flesh Brushes.**

No. 2....per doz., $6 00 | No. 3....per doz., $9 00
No. 4....per doz., $12 00

109.—Bath Brushes.

No. 2....per doz., $9 00 | No. 3...per doz., $12 00

110.—Fine Whisk Bath Brushes.

Per dozen.....$7 20

A **111. Bent Flesh Brushes.**

No. 1...per doz., $15 00 | No. 2...per doz., $18 00

A **112.—Nail or Hand Brushes.**

Square, Fibre.....	per doz.,	$1 50
Oval, Fibre.....	"	2 50
Square, all Bristles.....	"	3 00
Oval, all Bristles.....	"	5 40

Stable Brooms.

C. BOECKH & SONS.

A **85.—Stable Brooms.**

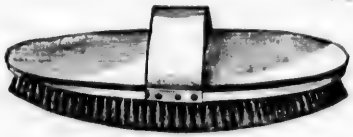
For Yards, Stables, Streets, etc. Patent Fastening.

BASS.			CANE.		
No. 3, Round Back.....	per dozen,	$6 80	No. 3, Round Back.....	per dozen,	$9 00
No. 4, Round Back.....	"	8 25	No. 4, Round Back.....	"	11 00
No. 5, Round Back.....	"	10 25	No. 5, Round Back.....	"	13 75
No. 6, Round Back.....	"	12 50	No. 6, Round Back.....	"	16 50

Large Hardwood Handles.....	per dozen, net,	$0 48
Small Hardwood Handles.....	" "	0 36

Stable Brushes.

C. BOECKH & SONS.



A 79.—Leather Back Horse Brushes.

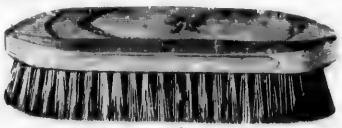
No. 10	per doz.,	$4 00
No. 12	"	5 25
No. 14, Black Bristles	"	5 75
No. 16	"	6 50
No. 18	"	7 50
No. 20, Black Bristles	"	8 00
No. 22	"	9 00
No. 23, Yellow Bristles	"	12 00
No. 24, White Bristles	"	17 00
No. 26, Black Bristles	"	20 00
No. 28, Grey Bristles	"	26 00
No. 30, White Bristles	"	29 00
No. 34, Yellow Bristles	"	33 00
No. 38, Yellow Bristles	"	40 00
No. 40, Yellow. Extra stiff	"	48 00
No. 50, Extra White and Stiff	"	75 00

A 80.—Wooden Back Horse Brushes.

No. 4	per doz.,	$3 00	No. 9	per doz.,	$8 25
No. 5	"	3 50	No. 10	"	10 25
No. 6	"	4 60	No. 12	"	12 50
No. 7	"	5 50	No. 14	"	16 50
No. 8	"	6 25	No. 16	"	20 00

E Wooden Back Horse Brushes.

No. 3 ..... per doz., $1 50



A 81.—Dandy Brushes.

ALL FRENCH WHISK.			KITTOOL EDGE.		
No. 2	per doz.,	$4 00	No. 2	per doz.,	$4 20
No. 3	"	5 40	No. 3	"	5 60
No. 4	"	6 50	No. 4	"	6 80
No. 5	"	8 00	No. 5	"	8 40
No. 6	"	9 50	No. 6	"	10 00
ALL MONKEY BASS.			**ALL OILED KITTOOL.**		
No. 2	per doz.,	$3 35	No. 2	per doz.,	$4 35
No. 3	"	4 50	No. 3	"	5 50
No. 4	"	5 75	No. 4	"	6 75
No. 5	"	7 20	No. 5	"	8 25
No. 6	"	9 00	No. 6	"	10 00

No. 1, Rice Root ..... per doz., $3 00

A 82. Water Brushes.

Nos.	1	2	3	4
Per dozen,	$7 00	9 00	12 00	16 00

A 83.—Harness or Compo. Brushes.

For Blacking and Polishing.

No. 2 ....per doz., $6 00 | No. 4 ....per doz., $8 00

A 84. Spoke Brushes.

Single ....per doz., $9 00 Double..per doz., $12 00

Shoe Brushes.

E 77.—Patent Shoe Brushes.

"Tourist's Pet," in Tin Cases	per doz.,	$2 75
Patent Top Shoe	"	3 25
Patent Oval "	"	3 50

E 78.—Pocket Edition Shoe Brushes.

For Ladies', Children's and Travellers' use. Polishing Brush, Dauber and Blacking.

Wood Boxes ..... per doz., $3 60

Miscellaneous Brushes.

C. BOECKH & SONS.

A **29.—Stencil Brushes.**

Tin Bound. All White Bristles.

No. 1....	per doz.,	$1 30	No. 5....	per doz.,	$2 50
No. 2....	"	1 70	No. 6....	"	2 75
No. 3....	"	2 00	No. 7....	"	3 25
No. 4....	"	2 10	No. 8....	"	3 50

A **30.—Stencil Brushes.**

Wire Bound. All White Bristles.

No. 4....	per doz.,	$3 60	No. 8...	per doz.,	$5 25
No. 6....	"	4 50	No. 10...	"	6 00

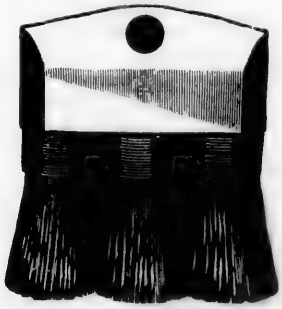
No. 12..per doz., $6 75

A **31.—Glue Brushes.**

No. 6....	per doz.,	$1 60	No. 2-0..	per doz.,	$9 50
No. 4....	"	2 75	No. 3-0..	"	12 85
No. 2....	"	4 20	No. 4-0..	"	17 50
No. 1-0...	"	6 40	Shaped Handle,	per doz.,	9 00

A 31 A.—Wire Handled Glue Brushes.

Nos.	1	2	3	4	5	6
Per dozen,	$1 20	1 40	1 65	2 00	2 25	2 75



A **33.—Tar Brushes.**

Grey Bristles. Extra quality.

	1 Knot.	2 Knot.	3 Knot.
Per dozen,	$6 50	12 00	18 00

A **28.—Brushes for laying on Wall Paper.**

Wire Drawn. In Wood. Best Russian Bristles.

Inch,	10	12	14
Per dozen,	$10 00	12 00	14 00

Miscellaneous Brushes.

C. BOECKH & SONS.

Crumb Brush.

A 113.—Crumb Brushes.

No. 1....	per doz.,	$5 00	No. 3....	per doz.,	$9 00
No. 2....	"	6 00	No. 4....	"	12 00

Crumb Brush with Tray.....per doz., net, $6 00

A 114. Brewers' Barrel Brushes.

No. 1, Extra, all Kittool	per doz.,	$9 00
No. 2, Super, all Kittool	"	12 00
No. 1, Extra, all Bristles	"	12 00
No. 2, Super, all Bristles	"	18 00
French Whisk Barrel Brushes	per doz.,	7 20
Spanish Reed Barrel Brushes	"	8 00

A 115.—Bottle Brushes.

No. 1....	per doz.,	$1 00	No. 3....	per doz.,	$1 80
No. 2....	"	1 25	No. 4....	"	2 40

For Bottle Washing Machines	per doz.,	$6 00
Glass Brushes	"	4 50

A 116.—Tanners' Brushes.

Mixed Hair.

Round Blacking	per doz.,	$8 00
Paste	"	4 80
Scouring	"	12 00

All Bristles.

Round Blacking	per doz.,	$12 00
Paste	"	7 00
Scouring	"	20 00

A 117.—Printers' Lye Brushes.

Fibre	per doz.,	$5 00
Mixed Hair	"	7 20
All Bristles	"	12 00

Electro and Stereotype Brushes made to order.

A 118.—Moulders' Brushes.

Stove or Hard Brushes	per doz.,	$5 00
Dusters or Soft Brushes	"	7 00

A 96.—Plate or Bugle Brushes.

Straight or Bent.

No.	3	4	5	6
Per dozen,	$3 00	3 60	4 20	4 80

A 100.—Cloth Brushes.

No. 22..	per dozen,	$2 40	No. 26..	per dozen,	$5 40
No. 23..	"	3 00	No. 27..	"	6 00
No. 24..	"	3 60	No. 28..	"	8 40
No. 25..	"	4 20	No. 30..	"	9 60

A 99.—Jewellers' Brushes.

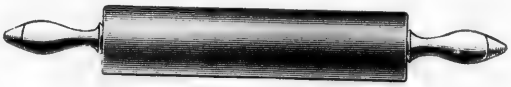
Nos.	3	4	5	6
Per dozen,	$2 00	2 50	3 00	3 50

A 101.—Extra Cloth Brushes.

No. 1 X	per dozen,	$3 40
No. 37 B	"	4 00
No. 49 B	"	5 50
No. 7 M	"	6 50
No. 32	"	10 80
No. 34, All Bristles	"	12 00
No. 36, All Bristles	"	16 00
No. 38, All Bristles	"	20 00
No. 40, All Bristles	"	27 00
Extra Handled	"	24 00

Woodenware.

C. BOECKH & SONS.



D

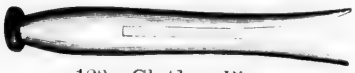
137.—Rolling Pins.

Plain Handles. Extra quality.....per dozen, $0 85
Revolving Handles. Extra quality..... " 1 35

D

138.—Wooden Spoons.

Straight. Large.....per dozen, $0 75
Straight. Small..... " 0 60
Bent Handles.....per dozen, $1 00
Hand Shaved..... " 1 10



E

123.—Clothes Pins.

Round Heads. Extra Culled and Polished.

No. 1, 2 gross boxes.....per box, $0 50
"Star," 3 gross boxes..... " 0 70
"Star," 5 gross boxes..... " 0 90
"Extra Star," in packages.....per dozen, 1 20

D

131.—Butter Bowls.

Best Cottonwood.

No. 12...per doz., $1 20 | No. 19...per doz., $5 00
No. 15... " 2 10 | No. 21... " 5 75
No. 17... " 4 20 | No. 24... " 7 25

Assorted in Crates of one dozen.

4 each of Nos. 15, 17 and 19....per crate, $3 75

132.—Butter Ladles.

No. X....per doz., $1 40 | No. 2....per doz., $1 10
No. 1.... " 1 25 | No. 3.... " 0 90

133.—Butter Spades.

Fluted, No. 1.....per doz., $1 20
Fluted, No. 2..... " 1 00
Concave..... " 0 90
Plain..... " 0 85

134.—Butter Moulds.

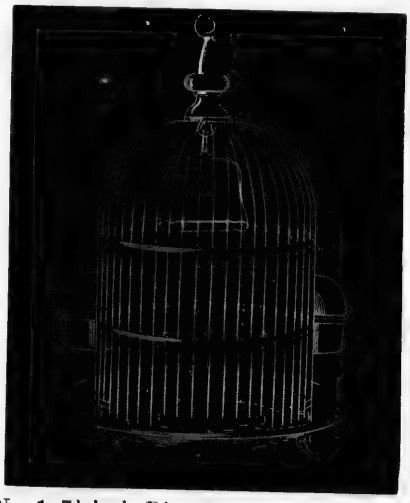
1 pound..per doz., $4 50 | ¼ pound..per doz., $2 00
½ pound.. " 3 00 | 1 ounce.. " 1 50

135.—Butter Stamps.

3 to 4 inch.....per dozen, $0 65
4 to 5 inch..... " 0 90
Ass't Extra White..... " 1 20

Japanned Bird Cages.

Assorted Colors.



No. 1, 7½ inch Diameter,	per doz.,	$9 50
No. 2, 8 inch Diameter,	"	10 50
No. 3, 8½ inch Diameter,	"	12 00
No. 4, 9 inch Diameter,	"	13 00
No. 5, 10 inch Diameter,	"	15 00

Nos. 1 to 5 will Nest.

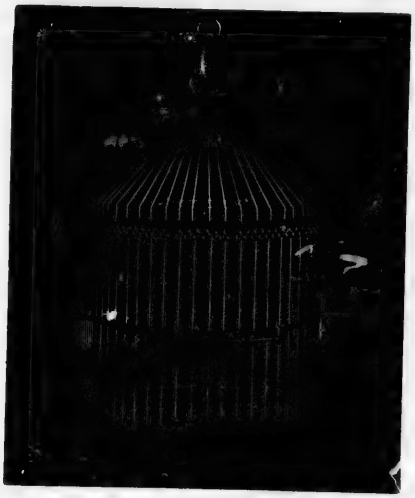
No. 6, 8 inch Diameter,	per doz.,	$10 50
No. 7, 8½ inch Diameter,	"	12 50
No. 8, 9 inch Diameter,	"	14 00
No. 9, 10 inch Diameter,	"	16 00

Nos. 6 to 9 will Nest.

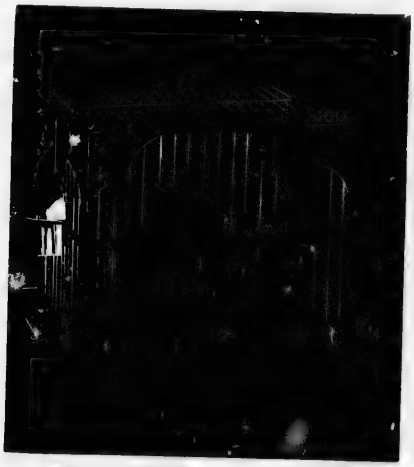
No. 10, 8½ inch Diameter, per doz., $13 00 | No. 11, 9 x 10¾ inch, - per doz., $16 00

Japanned Bird Cages.

Assorted Colors.



No. 12, 9 inch Diameter, per doz., $18 00 | No. 14, 9 x 9 inch, - per dozen, $24 00



No. 15, 7½ x 11 inch, per dozen, $16 50 | No. 19, 8½ x 10¾ inch, per dozen, $18 50

dozen, $24 00

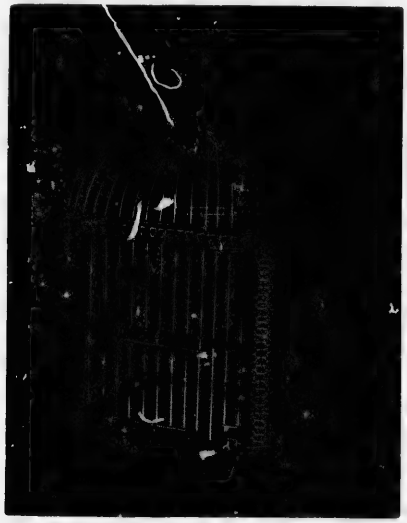
ozen, $18 50

Japanned Bird Cages.

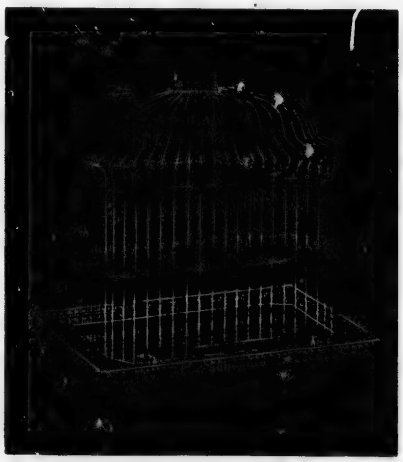
Assorted Colors.

No. 20, 8½ inch Diameter, per doz., $14 00
No. 21, 9 inch Diameter, " 16 00

Nos. 20 and 21 will Nest.

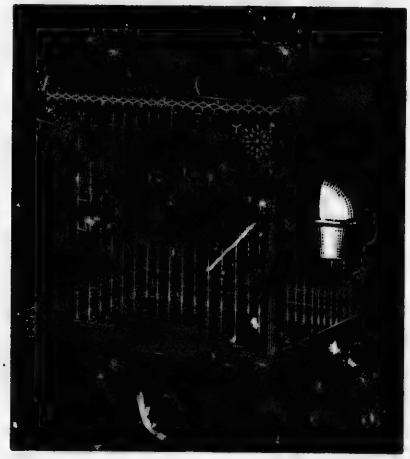


No. 22, 9 x 9 inch, - per dozen, $21 00



In White and Gold.

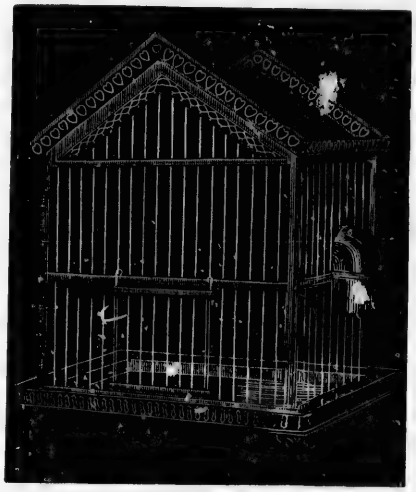
No. 23, 9 x 9 inch, - per dozen, $21 00
No. 24, 9 x 10¾ inch, " 24 50



No. 27, 7¾ x 10½ inch, - per dozen, $16 50

Japanned Bird Cages.

Assorted Colors.



No. 28, 8 x 11 inch, - per doz., $21 50

No. 29, $7\frac{1}{2}$ x 9 inch, - per dozen, $13 50
No. 30, $8\frac{1}{2}$ x $8\frac{3}{4}$ inch, - per dozen, 15 50

Close Back—Wall Cage.

No. 32, $7\frac{1}{2}$ x $10\frac{1}{2}$ inch, - per dozen, $19 00

Partition Cage.

No. 33, 9 x 15 inch, - per doz., $35 00

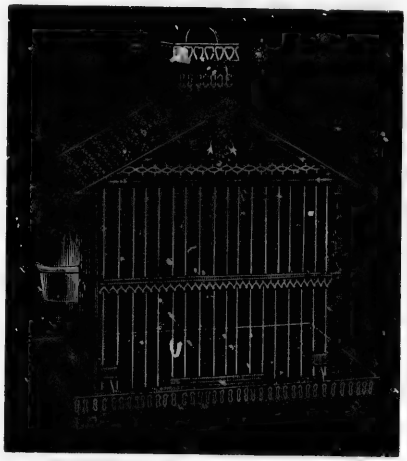
r dozen, $13 50
" 15 50

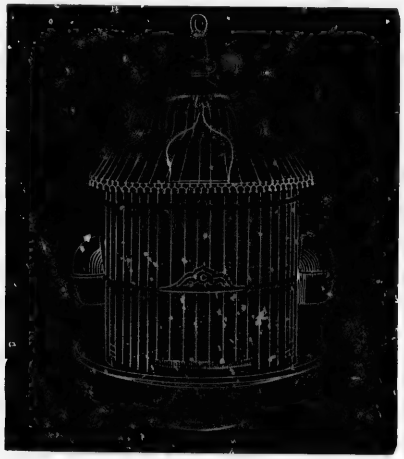
ge.

per doz., $35 00

Japanned Bird Cages.

Assorted Colors.



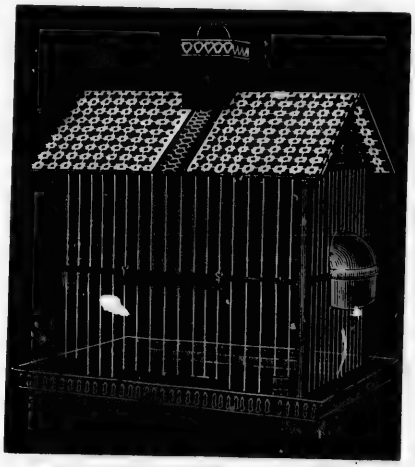


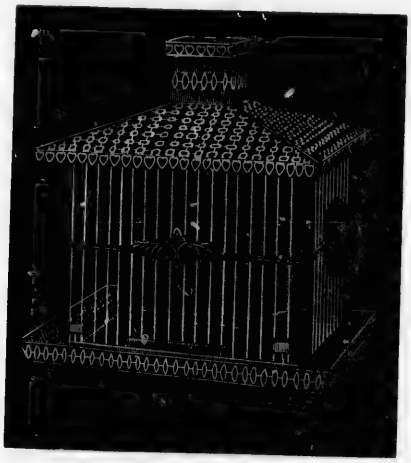
No. 37, 7½x11 inch, per dozen, $24 00 | No. 38, 9 inch diameter, per dozen, $23 00

No. 39, 7½x11 inch, per dozen, $26 00 | No. 40, 7½x11 inch, per dozen, $26 00

Japanned Bird Cages.

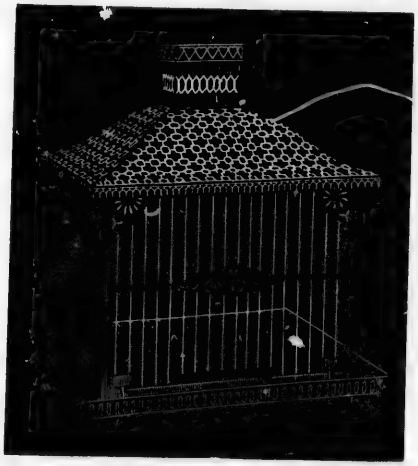
Assorted Colors.

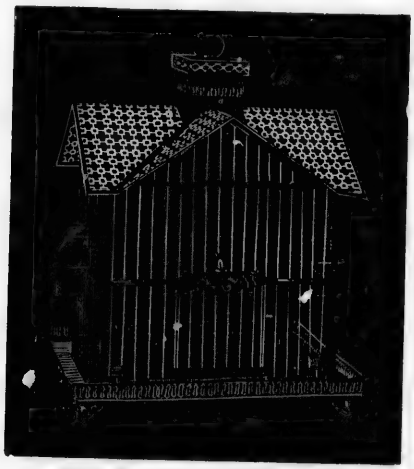




Close Back—Wall Cage.

No. 42, 8 x 11 inch, per dozen, $24 00 | No. 45, 8 x 11 inch, - per dozen, $28 00





Cottage.

No. 46, 8¾ x 11 inch, - per dozen, $32 00 | No. 48, 8¾ x 11 inch, - per dozen, $33 00

Wall Cage.

per dozen, $28 00

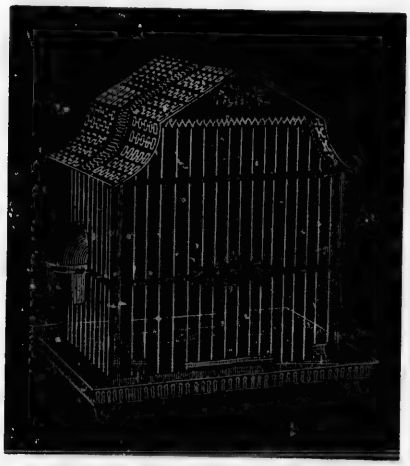
per dozen, $33 00

Japanned Bird Cages.

Assorted Colors.

Partition.—Close Back Wall Cage.

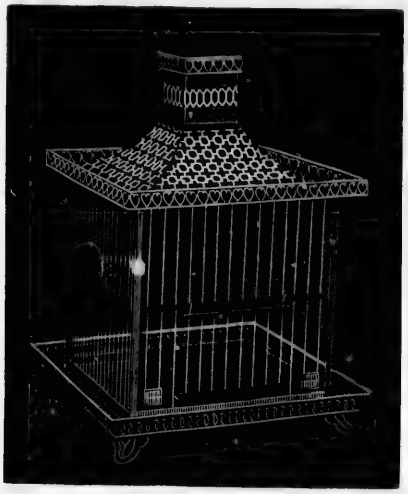
No. 49, 8x11 inch, - per dozen, $32 00 | No. 52, 9x15 inch, - per dozen, $36 00



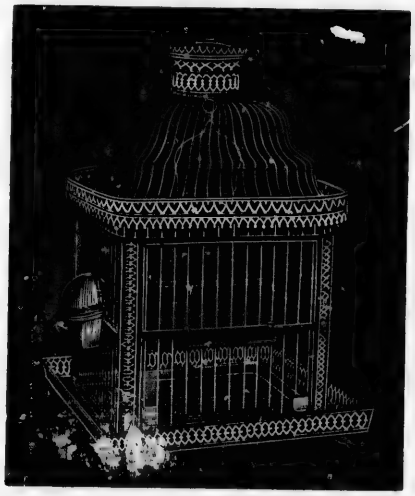
No. 56, 9x9 inch, - per dozen, $21 50 | No. 57, 7¼x10¾ inch, per dozen, $21 50

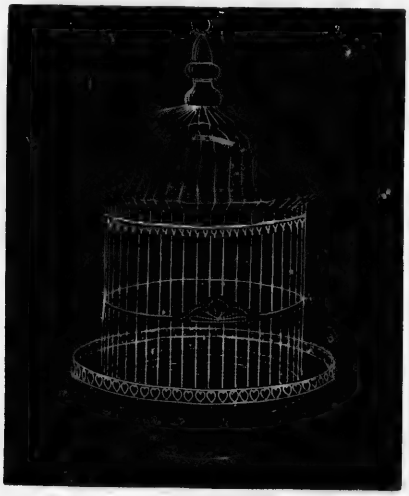
Japanned Bird Cages.

Assorted Colors.



No. 58, 8 x 11¾ inch, - per dozen, $32 00 | No. 60, 8½ x 8½ inch, - per dozen, $28 00





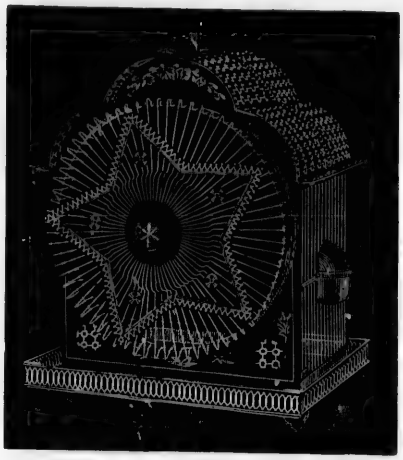
No. 63, 9 x 9 inch, - per dozen, $25 00 | No. 66, 9 inch Diameter, per dozen, $25 00

er dozen, $28 00

dozen, $25 00

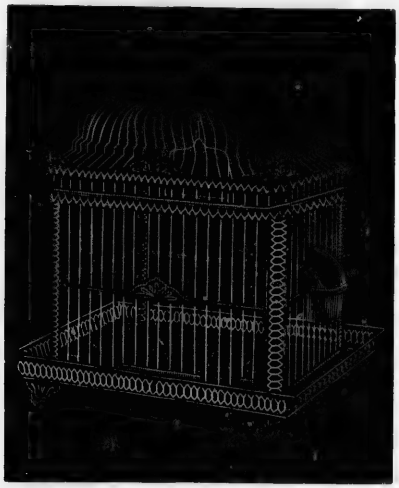
Japanned Bird Cages.

Assorted Colors.



Revolving Wheel Cage.

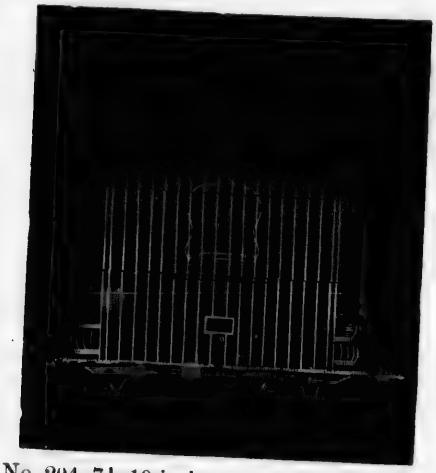
No. 68, 16x12½ inch, - - - - per dozen, $62 00



No. 72, 9x9 inch, - per dozen, $35 00 | No. 74, 8½x11 inch, per dozen, $34 00

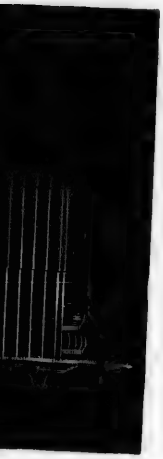
Brass Bird Cages.

Brass Bottom.



No. 200,	8 in. diameter,	per doz.,	$24 00
No. 201,	8½ in. diameter,	"	26 00
No. 202,	9 in. diameter,	"	28 00
No. 203,	10 in. diameter,	"	31 00
No. 204,	7½x10 inch,	per doz.,	$37 50
No. 205,	8x11 inch,	"	39 00

No. 208,	8 in. diameter,	per doz.,	$32 00
No. 209,	9 in. diameter,	"	38 00
No. 210,	10 in. diameter,	"	42 00
No. 211,	7½x10 inch,	per doz.,	$46 00
No. 212,	8x11 inch,	"	52 00



er doz., $37 50
" 39 00

doz., $46 00
52 00

Brass Bird Cages.

Brass Bottoms.

No. 213, 9 inch diameter, per dozen, $48 00
No. 214, 10 inch diameter, " 54 00

No. 220, 8 x 11½ inch, - per dozen, $42 00 | No. 221, 9¾ inch diameter, per dozen, $52 00

Squirrel and Parrot Cages.

Squirrel.

Parrot.

Bright Tin.

No. 10, 13x19 inch, 18 inches high, each, $5 50

Tinned Wire.

No. 2, 15½ inch dia., 21 inches high inside, Plain Zinc Bottom, each, $3 20

No. 3, 17½ inch dia., 23 inches high inside, Plain Zinc Bottom, each, 4 00

No. 3½, 18 inch dia., 24 inches high inside, Japanned Gallery Bottom, each, 6 00

Bird Cage Sundries.

Wire Nests.

Per dozen, - $1 12

Bird Baths.

Per dozen, - $1 20

Willow Nests

Per dozen, - $1 12

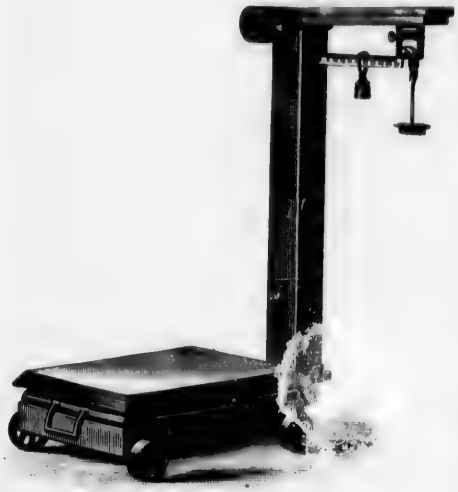
Clear Glass Founts for Japanned Cages.

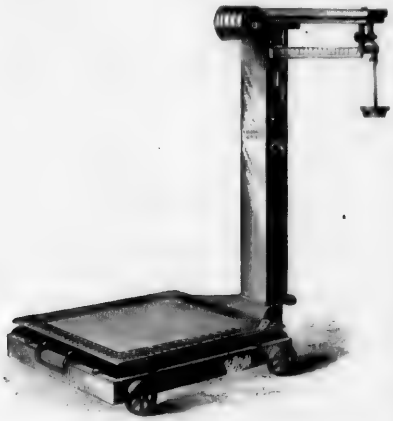
Per dozen, - - - $1 00

Opal Glass Founts for Brass Cages

Per dozen, - - - $1 20

Champion Platform Scales.





Iron Platform.

No. 1, All Iron Platform, with Wheels, Steel Bearings, First-class Finish, Capacity, 600 lbs., - - each, $18 00

No. 2, All Iron Platform, with Wheels, Steel Bearings, First-class Finish, Capacity, 800 lbs., - each, 20 00

Braced $1.00 extra.

Bronzed Weights furnished when desired; no extra charge.

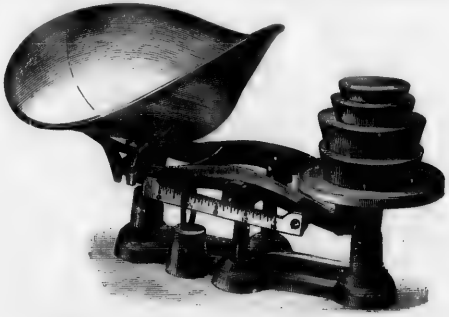
Wood Platform.

No. 1, Wood Platform, with Wheels, Steel Bearings, Well Finished, Capacity, 1,200 lbs., - - - - - each, $26 00

No. 2, Wood Platform, with Wheels, Steel Bearings, Well Finished, Capacity, 1,600 lbs., - - - - - each, 32 00

No 3, Wood Platform, with Wheels, Steel Bearings, Well Finished, Capacity, 2,000 lbs., - - - - - each, 38 00

Champion Counter Scales.

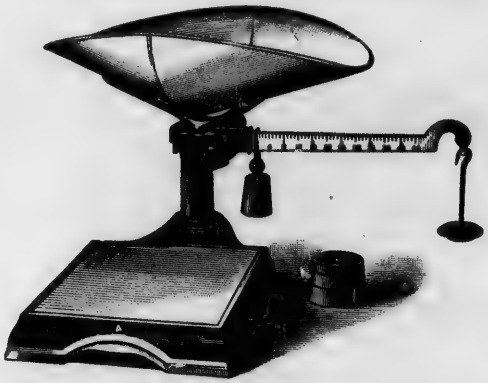


Even Balance with Side Beam.

Capacity, ½ oz. to 5 lbs., with Tin Scoop, each, $3 75
Capacity, ¼ oz. to 8 lbs., with Tin Scoop, " 5 00

Inspection extra.

Champion Counter Scales.



Union.

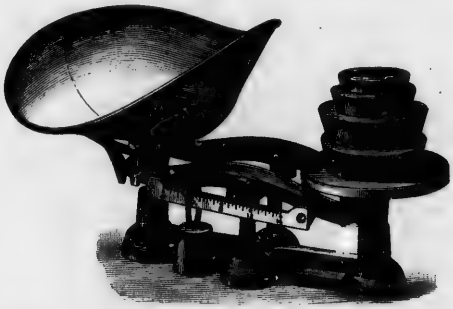
No. 1, Plain Finish, Capacity ½ oz. to 200 lbs., Tin Scoop,	each, $6 00
No. 1, First-class Finish, Capacity ½ oz. to 200 lbs., Tin Scoop,	" 7 00
No. 1, Extra Finish, Capacity ½ oz. to 200 lbs., Tin Scoop,	" 9 00
No. 2, Plain Finish, Capacity ½ oz. to 240 lbs., Tin Scoop,	" 7 00
No. 2, First-class Finish, Capacity ½ oz. to 240 lbs., Tin Scoop,	" 8 00
No. 2, Extra Finish, Capacity ½ oz. to 240 lbs., Tin Scoop,	" 10 45

Even Balance Scales.

No. 3, Without Weights, Capacity ¼ oz. to 4 lbs., with Tin Scoop	each, $2 80
No. 3, Without Weights, Capacity ¼ oz. to 4 lbs., with Brass Scoop,	" 3 55
No. 2, Without Weights, Capacity ¼ oz. to 6 lbs., with Tin Scoop,	" 3 25
No. 2, Without Weights, Capacity ¼ oz. to 6 lbs., with Brass Scoop,	" 4 00
No. 1, Without Weights, Capacity ¼ oz. to 10 lbs, with Tin Scoop,	" 4 10
No. 1, Without Weights, Capacity ¼ oz. to 10 lbs. with Brass Scoop,	" 5 10
No. 3, With Weights Complete, Capacity ¼ oz. to 4 lbs., with Tin Scoop,	" 3 50
No. 3, With Weights Complete, Capacity ¼ oz. to 4 lbs., with Brass Scoop,	" 4 25
No. 2, With Weights Complete, Capacity ¼ oz. to 6 lbs., with Tin Scoop,	" 4 25
No. 2, With Weights Complete, Capacity ¼ oz. to 6 lbs., with Brass Scoop,	" 5 50
No. 1, With Weights Complete, Capacity ¼ oz. to 10 lbs., with Tin Scoop,	" 5 50
No. 1, With Weights Complete, Capacity ¼ oz. to 10 lbs., with Brass Scoop,	" 6 50

Inspection extra.

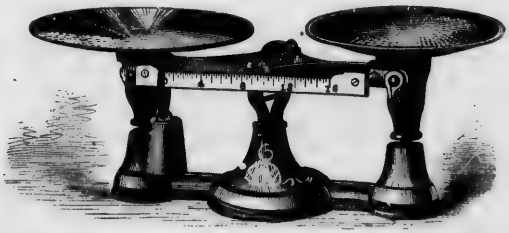
Even Balance Scales.



With Nickel-Plated Side Beam, if Required.

No. 3, Without Weights, Capacity ¼ oz. to 4 lbs., with Tin Scoop,	each,	$3 40
No. 3, Without Weights, Capacity ¼ oz. to 4 lbs., with Brass Scoop,	"	4 15
No. 2, Without Weights, Capacity ¼ oz. to 6 lbs., with Tin Scoop,	"	4 00
No. 2, Without Weights, Capacity ¼ oz. to 6 lbs., with Brass Scoop,	"	4 75
No. 1, Without Weights, Capacity ¼ oz. to 10 lbs., with Tin Scoop,	"	5 00
No. 1, Without Weights, Capacity ¼ oz. to 10 lbs., with Brass Scoop,	"	6 00
No. 3, With Weights Complete, Capacity ¼ oz. to 4 lbs., with Tin Scoop,	"	4 10
No. 3, With Weights Complete, Capacity ¼ oz. to 4 lbs., with Brass Scoop,	"	4 85
No. 2, With Weights Complete, Capacity ¼ oz. to 6 lbs., with-Tin Scoop,	"	5 40
No. 2, With Weights Complete, Capacity ¼ oz. to 6 lbs., with Brass Scoop,	"	6 15
No. 1, With Weights Complete, Capacity ¼ oz. to 10 lbs., with Tin Scoop,	"	6 50
No. 1, With Weights Complete, Capacity ¼ oz. to 10 lbs., with Brass Scoop,	"	7 50

Grocers' Tea Scales.



No. 3, With Weights and Brass Dish, Capacity ¼ oz. to 6 lbs.,	each,	$5 00
No. 2, With Weights and Brass Dish, Capacity ¼ oz. to 10 lbs.,	"	6 40
No. 1, With Weights and Brass Dish, Capacity ¼ oz. to 17 lbs.,	"	8 40
No. 3, With Weights, Brass Dish and Side Beam, Capacity ¼ oz. to 6 lbs.,	"	6 00
No. 2, With Weights, Brass Dish and Side Beam, Capacity ¼ oz. to 10 lbs.,	"	7 50
No. 1, With Weights, Brass Dish and Side Beam, Capacity ¼ oz. to 17 lbs.,	"	9 75

Inspection extra.

Grocers' Trip Scales.

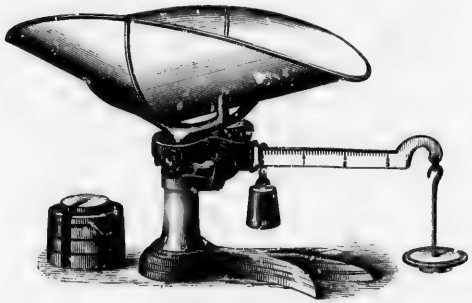
No. 3, Without Weights, Capacity ¼ oz. to 6 lbs., with Tin Scoop,	each,	$3 40
No. 3, Without Weights, Capacity ¼ oz. to 6 lbs., with Brass Scoop,	"	4 15
No. 2, Without Weights, Capacity ¼ oz. to 10 lbs., with Tin Scoop,	"	4 25
No. 2, Without Weights, Capacity ¼ oz. to 10 lbs., with Brass Scoop,	"	5 25
No. 1, Without Weights, Capacity ¼ oz. to 17 lbs., with Tin Scoop,	"	5 35
No. 1, Without Weights, Capacity ¼ oz. to 17 lbs., with Brass Scoop,	"	6 60
No. 3, With Weights Complete, Capacity ¼ oz. to 6 lbs., with Tin Scoop,	"	4 30
No. 3, With Weights Complete, Capacity ¼ oz. to 6 lbs., with Brass Scoop,	"	5 05
No. 2, With Weights Complete, Capacity ¼ oz. to 10 lbs., with Tin Scoop,	"	5 45
No. 2, With Weights Complete, Capacity ¼ oz. to 10 lbs., with Brass Scoop,	"	6 45
No. 1, With Weights Complete, Capacity ¼ oz. to 17 lbs., with Tin Scoop,	"	7 10
No. 1, With Weights Complete, Capacity ¼ oz. to 17 lbs., with Brass Scoop,	"	8 35

With Side Beam.

No. 3, Without Weights, Capacity ¼ oz. to 6 lbs., with Tin Scoop,	each,	$4 30
No 3, Without Weights, Capacity ¼ oz. to 6 lbs., with Brass Scoop,	"	5 05
No. 2, Without Weights, Capacity ¼ oz. to 10 lbs., with Tin Scoop,	"	5 25
No. 2, Without Weights, Capacity ¼ oz. to 10 lbs., with Brass Scoop,	"	6 25
No. 1, Without Weights, Capacity ¼ oz. to 17 lbs., with Tin Scoop,	"	6 50
No. 1, Without Weights, Capacity ¼ oz. to 17 lbs., with Brass Scoop,	"	7 80
No. 3, With Weights Complete, Capacity ¼ oz. to 6 lbs., with Tin Scoop,	"	5 20
No. 3, With Weights Complete, Capacity ¼ oz. to 6 lbs., with Brass Scoop,	"	6 00
No. 2, With Weights Complete, Capacity ¼ oz. to 10 lbs., with Tin Scoop,	"	6 45
No. 2, With Weights Complete, Capacity ¼ oz. to 10 lbs., with Brass Scoop,	"	7 45
No. 1, With Weights Complete, Capacity ¼ oz. to 17 lbs., with Tin Scoop,	"	8 30
No. 1, With Weights Complete, Capacity ¼ oz. to 17 lbs., with Brass Scoop,	"	9 55

Inspection extra.

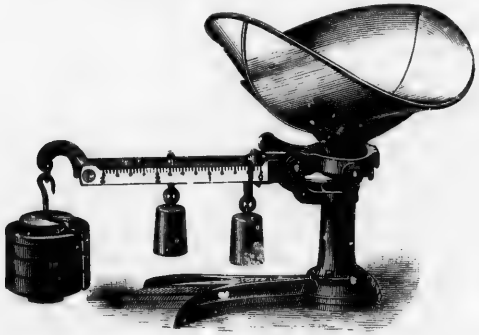
Grocers' Scales.



Single Beam.

No. 2, With Light Base, Capacity ½ oz. to 40 lbs., with Tin Scoop,	each,	$8 00
No. 2, With Light Base, Capacity ½ oz. to 40 lbs., with Brass Scoop,	"	9 00
No. 1, With Heavy Base, Capacity ½ oz. to 60 lbs., with Tin Scoop,	"	9 00
No. 1, With Heavy Base, Capacity ½ oz. to 60 lbs., with Brass Scoop,	"	10 00

If made with sliding poise instead of notched beam, $1 extra.



Double Beam.

No. 2, With Light Base, Capacity ½ oz. to 40 lbs., with Tin Scoop,	each,	$9 00
No. 2, With Light Base, Capacity ½ oz. to 40 lbs., with Brass Scoop,	"	10 00
No. 1, With Heavy Base, Capacity ½ oz. to 60 lbs., with Tin Scoop,	"	10 00
No. 1, With Heavy Base, Capacity ½ oz. to 60 lbs., with Brass Scoop,	"	11 00

If made with sliding poise instead of notched beam, $1 extra.

Inspection extra.

Grocers' Meat Scale.

With Round or Square Plate.

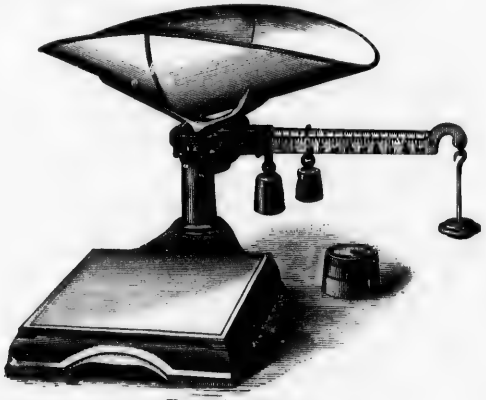
Porcelain Plate, notched beam, Capacity 60 lbs.,	each, $10 00
Porcelain Plate, sliding poise, Capacity 60 lbs.,	" 11 00

Union or Family Scales.

Single Beam.

Single Beam, Capacity ½ oz. to 240 lbs., with Tin Scoop,	each, $10 45
Single Beam, Capacity ½ oz. to 240 lbs., with Brass Scoop,	" 11 40

With sliding poise instead of notched beam, $1 extra.



Double Beam.

Double Beam, Capacity ½ oz. to 240 lbs., with Tin Scoop,	each, $11 40
Double Beam, Capacity ½ oz. to 240 lbs., with Brass Scoop,	" 12 30

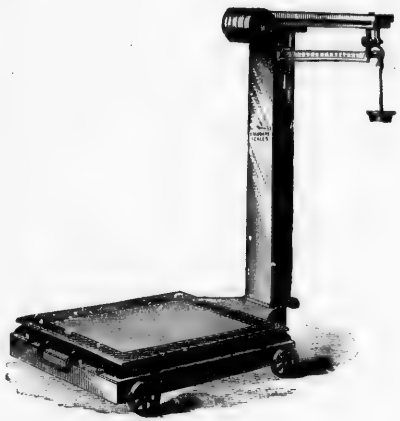
With sliding poise instead of notched beam, $1 extra. Inspection extra.

each, $10 00
" 11 00

each, $10 45
" 11 40

each, $11 40
" 12 30

Platform Scales.



With Wheels.

With Wheels and Drop Lever.

Without Wheels.

No. 12,	Capacity 300 lbs., Platform 19 × 14 inch,	each, $16 00
No. 11½,	Capacity 400 lbs., Platform 22 × 15 inch,	" 19 50
No. 11,	Capacity 600 lbs., Platform 25 × 16 inch,	" 23 50
No. 10½,	Capacity 1,000 lbs., Platform 26 × 17 inch,	" 26 00
No. 10,	Capacity 1,200 lbs., Platform 28 × 20 inch,	" 31 00
No. 9,	Capacity 1,500 lbs., Platform 28 × 21 inch,	" 34 00
No. 8,	Capacity 2,000 lbs., Platform 30 × 23 inch,	" 37 00
No. 7,	Capacity 2,500 lbs., Platform 30 × 23 inch,	" 47 00

With Wheels.

No. 12,	Capacity 300 lbs., Platform 19 × 14 inch,	each, $18 00
No. 11½,	Capacity 400 lbs., Platform 22 × 15 inch,	" 21 50
No. 11,	Capacity 600 lbs., Platform 25 × 16 inch,	" 25 50
No. 10½,	Capacity 1,000 lbs., Platform 26 × 17 inch,	" 29 00
No. 10,	Capacity 1,200 lbs., Platform 28 × 20 inch,	" 34 00
No. 9,	Capacity 1,500 lbs., Platform 28 × 21 inch,	" 37 00
No. 8,	Capacity 2,000 lbs., Platform 30 × 23 inch,	" 40 00
No. 7,	Capacity 2,500 lbs., Platform 30 × 23 inch,	" 50 00

With Heavy Wheels and Drop Lever.

No. 10½,	Capacity 1,200 lbs., Platform 26 × 17 inch,	each, $33 00
No. 10,	Capacity 1,500 lbs., Platform 28 × 20 inch,	" 38 00
No. 9,	Capacity 2,500 lbs., Platform 30 × 23 inch,	" 46 00
No. 8,	Capacity 2,500 lbs., Platform 30 × 23 inch,	" 51 00
No. 7,	Capacity 3,000 lbs., Platform 30 × 23 inch,	" 61 00

Inspection extra.

Butchers' Trip Scales.

		No. 1. 17 lbs.	No. 2. 10 lbs.	No. 3. 6 lbs.
Brass Plate and Iron Plate,	each,	$8 60	$6 15	$5 10
Brass Plate and Iron Plate, with Side Beam,	"	9 80	7 00	6 00
Porcelain Plate and Iron Plate,	"	9 10	7 45	6 00
Porcelain Plate and Iron Plate, with Side Beam,	"	10 30	8 45	7 00
Porcelain Plate and Brass Plate,	"	10 60	8 45	6 50
Porcelain Plate and Brass Plate, with Side Beam,	"	11 80	9 40	7 50

Improved Union Meat and Butchers' Scales.

Improved Union Meat Scales.

With Porcelain Plate.

Single Beam, Capacity ½ oz. to 240 lbs., each, $11 40
Double Beam, Capacity ½ oz. to 240 lbs., " 12 30

With sliding poise instead of notched beam, $1.00 extra.

Improved Butchers' Scales.

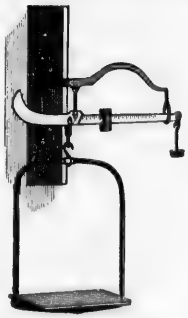
Portable—with Stand.

Porcelain Slab, Capacity 50 lbs., each, $12 60

Improved Butchers' Scales.

Brass Beam, Brass Ends, Handsomely Nickel-Plated, Brass Sliding Poise and Porcelain Plate, Capacity 75 pounds, each, $24 00

Improved Butchers' Scales.

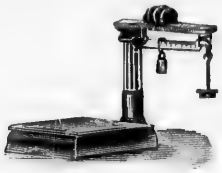


Nickel-Plated Brass Beam and Brass Sliding Poise, with Tin Dish, Capacity 10 lbs., each, $10 00
Nickel-Plated Brass Beam and Brass Sliding Poise, with Tin Dish, Capacity 50 lbs., each, 11 00
Nickel-Plated Brass Beam and Brass Sliding Poise, with Porcelain Slab, Capacity 50 lbs., 12 50

Inspection extra.

Scales.

Short Pillar Counter Scales.



No. 12, Capacity 300 lbs., Platform 14 × 19 inch, each, $15 00

Improved Butter Scale.

With Porcelain Plate.

No. 3, With Weights, Capacity ¼ oz. to 6 lbs., each, $4 30
No. 2, With Weights, Capacity ¼ oz. to 10 lbs., each, 5 45
No. 1, With Weights, Capacity ¼ oz. to 17 lbs., each, 7 10
No. 3, With Weights and Side Beam, Capacity ¼ oz. to 6 lbs., - - - each, 5 20
No. 2, With Weights and Side Beam, Capacity ¼ oz. to 10 lbs. - - - each, 6 54
No. 1, With Weights and Side Beam, Capacity ¼ oz. to 17 lbs., - - - each, 8 50

Improved Steelyards.

To weigh by hand.

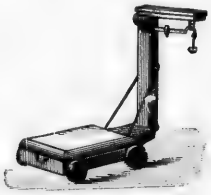
Capacity 25 lbs., - - - each, $5 50
Capacity 50 lbs., - - - - " 6 25
Capacity 60 lbs., - - " 7 25
Capacity 100 lbs., - - - " 8 50

Stamping extra.

With attachment to fasten to wagon.

Capacity 25 lbs., - - - each, $6 25
Capacity 50 lbs., - - " 7 00
Capacity 60 lbs., - - - " 8 00
Capacity 100 lbs., - - - " 9 25

Improved Salt, Meat and Fish Scales.

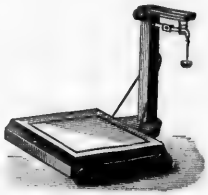


No. 1, Capacity 600 lbs., Platform 25 × 16 inch, no Wheels, - - - - each, $25 00
No. 1, Capacity 600 lbs., Platform 25 × 16 inch, with Wheels, - - - " 27 00
No. 2, Capacity 1,000 lbs., Platform 26 × 17 inch, no Wheels, - - - - " 30 00
No. 2, Capacity 1,000 lbs., Platform 26 × 17 inch, with Wheels, - - - " 32 00

Inspection extra.

Scales.

Improved Pork and Grain or Wheelbarrow Scales.



With Broad Platform for Weighing Bulky Articles.

Capacity 1,500 lbs., Platform 42 x 30 inch, with Wheels, - - each, $70 00

Capacity 1,500 lbs., Platform 42 x 30 inch, without Wheels, - - each, 65 00

Capacity 2,000 lbs., Platform 44 x 36 inch, with Wheels, - - each, 80 00

Capacity 2,000 lbs., Platform 44 x 36 inch, without Wheels, - - each, 75 00

Improved Portable Warehouse Scales.

No. 9, Capacity 2,000 lbs., Platform 21 x 31 inch, with Wheels, - - each, $50 00

No. 9, Capacity 2,000 lbs., Platform 21 x 31 inch, without Wheels, - each, 46 00

No. 7, Capacity 2,500 lbs., Platform 25 x 34 inch, with Wheels, - - each, 63 00

No. 7, Capacity 2,500 lbs., Platform 25 x 34 inch, without Wheels, - each, 60 00

No. 5, Capacity 3,000 lbs., Platform 31 x 30 inch, with Wheels, - - each, 68 00

No. 5, Capacity 3,000 lbs., Platform 31 x 30 inch, without Wheels, - each, 65 00

No. 4, Capacity 3,500 lbs., Platform 42 x 44 inch, with Wheels, - - each, 85 00

No. 4, Capacity 3,500 lbs., Platform 42 x 44 inch, without Wheels, - each, 80 00

No. 1, Capacity 5,000 lbs., Platform 48 x 40 inch, with Wheels, - - each, 110 00

No. 1, Capacity 5,000 lbs., Platform 48 x 40 inch, without Wheels, - each, 100 00

Improved Dormant Warehouse Scales.

With One Pillar. Drop Lever.

No. 9, Capacity 2,000 lbs., Platform 21 x 31 inch, each, $46 00

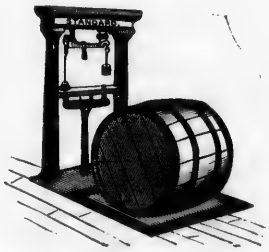
No. 7, Capacity 2,500 lbs., Platform 25 x 34 inch, each, 60 00

No. 5, Capacity 3,000 lbs., Platform 31 x 40 inch, each, 65 00

No. 4, Capacity 3,500 lbs., Platform 42 x 44 inch, each, 70 00

No. 3, Capacity 4,000 lbs., Platform 42 x 44 inch, each, 75 00

No. 1, Capacity 5,000 lbs., Platform 48 x 48 inch, each, 100 00



With Two Iron Pillars. Handsomely Finished Throughout.

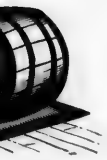
No. 5, Capacity 3,000 lbs., Platform 31 x 40 inch, each, $80 00

No. 4, Capacity 3,500 lbs., Platform 42 x 48 inch, each, 90 00

No. 1, Capacity 5,000 lbs., Platform 48 x 48 inch, each, 120 00

Varehouse Scales.

Platform 21 x 31
- each, $50 00
Platform 21 x 31
- each, 46 00
Platform 25 x 34
- each, 63 00
Platform 25 x 34
- each, 60 00
Platform 31 x 30
- each, 68 00
Platform 31 x 30
- each, 65 00
Platform 42 x 44
- each, 85 00
Platform 42 x 44
- each, 80 00
Platform 48 x 40
- each, 110 00
Platform 48 x 40
- each, 100 00

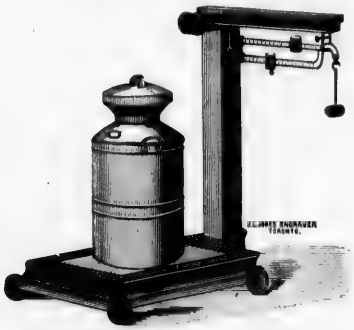


ely Finished Throughout.

orm 31 x 40 inch,
each, $80 00
orm 42 x 48 inch,
each, 90 00
orm 48 x 48 inch,
each, 120 00

Scales.

Improved Dairy Scales.



Double Beam, with Sliding Poise.

No. 2, Capacity 600 lbs., with Wheels, each, $27 00
No. 2, Capacity 600 lbs., without Wheels, " 25 00
No. 1, Capacity 1,000 lbs., with Wheels, " 32 00
No. 1, Capacity 1,000 lbs., without Wheels, " 30 00

Improved Five Beam Dairy Scales.

With Heavy Wheels.

This Scale has a Compound Beam for Weighing and Registering separately. The weighing is all done with the poises, and effects a great saving in time over other scales, as different quantities of milk may be registered as they are poured into the can.

No. 2, Capacity 600 lbs., - each, $40 00
No. 1, Capacity 1,000 lbs. " 45 00

Improved Dormant Flour Scales.

To be used without press.

Capacity 600 lbs., Platform 25 x 16 inch, each, $25 00

Improved Rolling Mill or Iron Scales.

With Rubber Spring Platform.

No. 2, Capacity 2,500 lbs., Platform 30 x 23 inch,
each, $90 00
No 2, Capacity 4,000 lbs., Platform 39 x 30 inch,
each, 120 00

Inspection extra.

Scales.

Improved Dormant Hopper Scales.

With Single Pillar.

Capacity 40 bushels,	each,	$65 00
Capacity 60 bushels,	"	75 00
Capacity 100 bushels,	"	100 00

With Two Iron Pillars, Sliding Poise and Graduated Counter Poise. Elegantly Finished.

Capacity 60 bushels,	each,	$85 00
Capacity 100 bushels,	"	110 00
Capacity 125 bushels,	"	150 00
Capacity 300 bushels,	"	250 00

The above prices are exclusive of the Hopper, which we supply, if required, at purchaser's expense.

Any size hopper scales made to order.

Improved Hay Scales.

Capacity 3 tons, Platform 14 x 8 feet 3 inch, each, $125 00
Capacity 4 tons, Platform 14 x 8 feet 3 inch, each 150 00
Capacity 5 tons, Platform 14 x 8 feet 3 inch, each, 175 00
Capacity 6 tons, Platform 14 x 8 feet 3 inch, each, 200 00
Capacity 8 tons, Platform 14 x 8 feet 3 inch, each, 225 00
Capacity 10 tons, Platform 14 x 8 feet 3 inch, each, 250 00
Capacity 15 tons, Platform 14 x 8 feet 3 inch, each, 275 00

With Double Beam, $10 extra.

The above prices are exclusive of timber and foundation, and all labor in erection, which are to be furnished by purchaser.

Plan of foundation and specification of lumber required will be sent on application.

Improved Stock Scales.

Capacity 3 tons, Platform 14 x 8 feet 3 inch, each, $125 00
Capacity 4 tons, Platform 14 x 8 feet 3 inch, each, 150 00
Capacity 5 tons, Platform 14 x 8 feet 3 inch, each, 175 00
Capacity 6 tons, Platform 14 x 8 feet 3 inch, each, 200 00

With Double Beam, $10 extra.

The above prices are exclusive of timber and foundation and all labor in erection, which are to be furnished at purchaser's expense.

Plan of foundation and specification of lumber required, will be furnished on application.

Improved Coal Scales.

Capacity 3 tons, Platform 13 x 8 feet, each, $125 00
Capacity 4 tons, Platform 13 x 8 feet, " 150 00

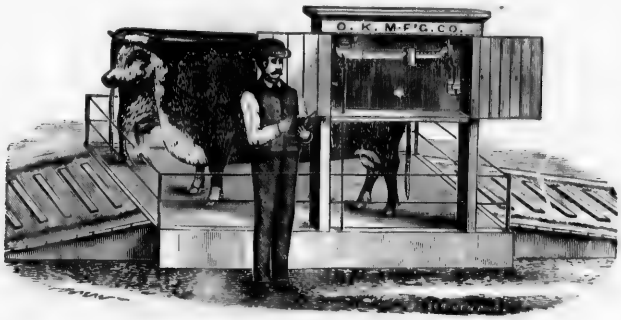
With Double Beam, $10 extra.

The above prices are exclusive of timber and foundation, and all labor in erection, which are to be furnished by purchaser.

Plan of foundation and specification of lumber required will be furnished on application.

Inspection extra.

Milburn's Patent Standard Farmers' Stock and Hay Scales.



Capacity, 3 tons, Platform, 14 x 8 feet,	each,	$75 00
Capacity, 4 tons, Platform, 14 x 8 feet 6 inch,	"	90 00

Inspection extra.

Improved Postal Scales.

May be used for general weighing of small articles.

No. 2, ½ oz. to 8 oz.,	each,	$2 50
No. 1, ½ oz. to 34 oz.,	"	4 55

Standard Weights in Sets.

		Iron.	Brass.
8 oz. Capacity down,	each,	$0 54	$1 20
1 lb. Capacity down,	"	68	1 80
4 lbs. Capacity down,	"	90	3 15
6 lbs. Capacity down,	"	1 12	4 50
7 lbs. Capacity down,	"	1 22	5 10
10 lbs. Capacity down,	"	1 56	7 10
17 lbs. Capacity down,	"	2 30	11 00

Single Weights separate from Full Sets.

		Iron.	Brass.
¼ oz. and ½ oz. Capacity,	each,	$0 08	$0 10
1 oz. and ½ oz. Capacity,	"	08	18
4 oz. Capacity,	"	08	25
8 oz. Capacity,	"	14	50
1 lb. Capacity,	"	14	70
2 lbs. Capacity,	"	22	1 35
3 lbs. Capacity,	"	32	2 00
5 lbs. Capacity,	"	56	3 00

Inspection extra.

Official Prices for Inspecting and Stamping Scales.

DESCRIPTION OF SCALES.	Price.
No. 1, Even Balance, with Weights	$0 80
No. 2, Even Balance, with Weights	75
No. 3, Even Balance, with Weights	60
No. 1, Even Balance, without Weights	30
No. 2, Even Balance, without Weights	30
No. 3, Even Balance, without Weights	20
No. 1, Even Balance, Side Beam, with Weights	50
No. 2, Even Balance, Side Beam, with Weights	45
No. 3, Even Balance, Side Beam, with Weights	30
No. 1, Even Balance, Side Beam, without Weights	30
No. 2, Even Balance, Side Beam, without Weights	30
No. 3, Even Balance, Side Beam, without Weights	25
No. 1, Grocers' Trip, with Weights	85
No. 2, Grocers' Trip, with Weights	80
No. 3, Grocers' Trip, with Weights	75
No. 1, Grocers' Trip, without Weights	30
No. 2, Grocers' Trip, without Weights	30
No. 3, Grocers' Trip, without Weights	20
No. 1, Grocers' Trip, Side Beam, with Weights	55
No. 2, Grocers' Trip, Side Beam, with Weights	50
No. 3, Grocers' Trip, Side Beam, with Weights	45
No. 1, Grocers' Trip, Side Beam, without Weights	30
No. 2, Grocers' Trip, Side Beam, without Weights	30
No. 3, Grocers' Trip, Side Beam, without Weights	20
Grocers' Tea Scales, same as Grocers' Trip	
Butter Scales, same as Grocers' Trip	
Butchers' Trip, same as Grocers' Trip	
Lobster Packers' Scales, without Weights	30
Standard Tea Scales, without Weights	30
Druggists' Scales, with Weights	50
Grocers' Scales, Single Beam, with Weights	50
Grocers' Scales, Double Beam, with Weights	50
Grocers' Meat Scales, with Weights	50
Union Scales, with Weights	50
Union Meat Scales, with Weights	50
Butcher's Scales, with Weights	50
Standard Butchers' Scales, with Weights	50
New Butchers' Scales, with Weights	50
Steelyards	50
Short Pillar Counter Scales, No. 12	75
No. 7, Platform Scales, with Weights	1 50
No. 8, Platform Scales, with Weights	1 00
No. 9, Platform Scales, with Weights	1 00
No. 10, Platform Scales, with Weights	1 00
No. 10½, Platform Scales, with Weights	1 00
No. 11, Platform Scales, with Weights	1 00
No. 11½, Platform Scales, with Weights	75
No. 12, Platform Scales, with Weights	75
No. 7, Platform Scales, with Drop Lever, with Weights	1 50
No. 8, Platform Scales, with Drop Lever, with Weights	1 50

DESCRIPTION OF SCALES.	Price.
No. 9, Platform Scales, with Drop Lever, with Weights	$1 00
No. 10, Platform Scales, with Drop Lever, with Weights	1 00
No. 10½, Platform Scales, with Drop Lever, with Weights	1 00
Salt, Meat and Fish Scale, with Weights	1 00
Wheelbarrow Scale, with Weights	1 00
No. 1, Portable Warehouse Scales, with Weights	2 00
No. 4, Portable Warehouse Scales, with Weights	1 50
No. 5, Portable Warehouse Scales, with Weights	1 50
No. 7, Portable Warehouse Scales, with Weights	1 50
No. 9, Portable Warehouse Scales, with Weights	1 00
No. 1, Dormant Warehouse Scales, Single Pillar, with Weights	2 00
No. 3, Dormant Warehouse Scales, Single Pillar, with Weights	1 50
No. 4, Dormant Warehouse Scales, Single Pillar, with Weights	1 50
No. 5, Dormant Warehouse Scales, Single Pillar, with Weights	1 50
No. 7, Dormant Warehouse Scales, Single Pillar, with Weights	1 50
No. 9, Dormant Warehouse Scales, Single Pillar, with Weights	1 00
No. 1, Dormant Warehouse Scales, Two Pillars, with Weights	2 00
No. 4, Dormant Warehouse Scales, Two Pillars, with Weights	1 50
No. 5, Dormant Warehouse Scales, Two Pillars, with Weights	1 50
Dairy Scales, with Weights	1 00
Five Beam Dairy Scales, with Weights	1 00
Dormant Flour Scales, with Weights	1 00
Rolling Mill or Iron Scales, with Weights	2 00
Dormant Hopper Scales, with Weights	2 00
Stock, Coal or Hay Scales, with Weights for 3 tons, $2; every extra ton	50
Stock Scales, with Weights	1 50
Farmers' Even Balance Scales, with Weights	50
Farmers' Union Scales, with Weights	50
Farmers' Platform Scales.....(same as platform scales.)	
For Equal Arm Scales up to 5 lbs., Weights Extra	20
For Equal Arm Scales from 5 lbs. to 50 lbs.	30
For Butchers' Scales and Steelyards, from 5 lbs. to 50 lbs.	50
Counter and Grocers' Scales and Weights	50
Union Scales and Weights	50
Platform Scales and Weights, not more than 250 lbs	50
Platform Scales and Weights, not more than 500 lbs	75
Platform Scales and Weights, not more than 2,000 lbs	1 00
Platform Scales and Weights, not more than 4,000 lbs.	1 50
Platform Scales and Weights, not more than 6,000 lbs.	2 00
Platform Scales and Weights, not more than 6,000 lbs. per ton	50

For each Weight, 5 cents.

Track Scales, 50 cents per ton for the first 5 tons, 25 cents for each extra ton.

Extra Prices for Certain Sizes of Bar, Hoop, Band, Sheet, and Other Iron.

Inch,	3-16	1-4	5-16	3-8	7-16	1-2	9-16	5-8	3-4	7-8	1	
Round and Square	$1 25	0 75	0 60	0 45	0 30	0 15	0 15	.....	.....	.....	.....	Per 100 lbs.
Flat ..... ⅛ inch ×	1 00	0 75	0 75	0 60	.....	.....	.....	.....	.....	.....	.....	
Flat ..... ¼ inch ×	0 75	0 60	0 60	0 45	.....	.....	.....	.....	.....	.....	.....	
Flat ..... ⅜ inch ×	0 60	0 45	0 45	0 30	0 30	0 30	.....	.....	.....	.....	.....	
Flat ..... ½ inch ×	0 45	0 30	0 30	0 15	0 15	0 15	0 15	0 15	.....	.....	.....	
Flat ..... 1 inch ×	0 30	0 15	0 15	.....	.....	.....	.....	.....	.....	.....	.....	
Flat ..... 1½ inch and up	0 15	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Oval and Half Round	.....	1 50	1 20	1 00	1 00	0 80	0 80	0 60	0 40	0 20	0 20	
Half Ovals	.....	2 25	1 80	1 50	1 50	1 20	1 20	0 90	0 60	0 30	0 30	

Round and Square Iron,											
Inch,	3¼	3½	3¾	4	4¼	4½	5	5½	6	6½	7
Per 100 lbs.	$0 15	0 30	0 45	0 60	0 75	0 90	1 20	1 50	2 00	2 50	3 00

Flat Iron.

7	8	11	11	12 × 1-4 to 1 inch.
$0 75	0 90	1 00	1 10	1 10 per 100 lbs.

HOOP AND BAND IRON.

Inch,	1-2	1-2	5-8	5-8	3-4	7-8
Gauge No.	20	22	20	22		
Per 100 lbs.,	$2 00	3 00	1 00	2 00	0 40	0 20

SHEET IRON.

Nos.	21 to 24	26	28
Per 100 lbs.,	0 50	1 00	1 50

Lowmoor Iron.

Inch,	9-16	1-2	7-16	3-8	5-16	1-4 Round and Square.	
Per 100 lbs.,	$0 50	0 75	1 00	1 50	2 00	2 50	
Inch,	7-8 × 1-4	1 × 1-4	1 1-8 × 1-4	1 1-4 × 1-4	1 × 3-8	7-8 × 1-2	1 1-8 × 3-8
Per 100 lbs.,	$1 00	0 75	0 50	0 35	0 35	0 35	0 25

Swedes and Norway Iron.

Inch,	1-4	5-16	3-8	7-16	1-2	5-8	3-4	7-8 Square or Round.
Per 100 lbs.,	$3 00	2 75	2 50	2 00	1 50	1 00	0 50	0 25
Inch,	3-4	7-8	1	1 1-4 Flat, any Thickness.				
Per 100 lbs.,	$1 00	0 75	0 50	0 25				

Bowling or Lowmoor Boiler Plate Extras.

Plates under 280 lbs. each, no extra.

Plates 280 lbs. and under 336 lbs.,	$0 25	per 100 lbs. extra.
Plates 336 lbs. and under 392 lbs.,	1 00	" "
Plates 392 lbs. and under 448 lbs.,	1 50	" "
Plates 448 lbs. and under 672 lbs.,	2 50	" "
All plates exceeding 6 feet wide,	0 60	" "

All plates exceeding 8 feet wide, subject to special quotation.

Plates to sketch, 1½ c. per lb. extra.

Weight of a Round, Square and Flat—Bar of Iron 16 feet long.

Rounds..	1-4	5-16	3-8	7-16	1-2	9-16	5-8	11-16	3-4	13-16	7-8	1	1 1/8	1 1/4	1 3/8	1 1/2	1 3/4 inch diameter.
1 foot....	163	.255	.368	.50	.654	.828	1.02	1.23	1.47	1.72	2.	2.61	3.31	4.	4.95	5.89	6.91	8. pounds.
16 feet..	.266	4	6	8	10	13	16	20	24	28	32	42	53	65	79	94	110	128 pounds.

Rounds..	1 7/8	2	2 1/8	2 1/4	2 1/2	2 3/4	3	3 1/4	3 1/2	3 3/4	4	4 1/4	4 1/2	4 3/4	5	5 1/4	5 1/2	6 inch diameter.
1 foot....	9.20	10.	11.82	13.20	16.36	19.79	23.56	27.65	32.	37.	42.	47.	53.	59.	65.	72.	79.	94. lbs.
16 feet...	147	167	185	212	260	317	377	442	513	589	670	756	848	945	1047	1155	1234	1508 lbs.

Square....	1-4	5-16	3-8	7-16	1-2	9-16	5-8	11-16	3-4	13-16	7-8	1 inch.
1 foot....	.208	.325	.468	.638	.832	1.05	1.30	1.57	1.87	2	2.55	3.33 lbs.
16 feet....	3	5	7	10	13	17	22	25	30	35	41	53 lbs.

Square....	1 1/8	1 1/4	1 3/8	1 1/2	1 5/8	1 3/4	1 7/8	2	2 1/8	2 1/4	2 1/2	2 3/4	3	3 1/4	4 inch.
1 foot....	4.21	5.20	6.30	7.50	8.80	10.20	11.71	13.33	15	16.87	21	25	30	40	53 lbs.
16 feet....	67	83	101	120	141	163	188	213	240	270	333	402	480	653	854 lbs.

Inch ...	1/4 × 1	1 1/8	1 1/4	1 3/8	1 1/2	1 3/4	2	2 1/4	2 1/2	2 3/4	3	3 1/4	3 1/2 × 1/4
1 foot..	.833	.94	1.04	1.14	1.25	1.45	1.66	1.87	2.08	2.30	2.50	2.71	2.91
16 feet .	13	15	16.66	18	20	23	27	30	33	36	40	43	46

Inch	3/8	4	4 1/4	4 1/2	5	5 1/2	6	6 1/2	7	8	9	10	11	12 × 1/4
1 foot.....	3.13	3.33	3.54	3.75	4.17	4.58	5.	5.41	5.82	6.66	7.50	8.34	9.16	10 lbs.
16 feet.....	50	54	57	60	66	72	80	86	92	108	120	132	144	160 lbs.

Inch.....	5/16 × 1	1 1/8	1 1/4	1 3/8	1 1/2	1 3/4	2	2 1/4	2 1/2	2 3/4	3	3 1/4	3 1/2 × 5/16
1 foot.....	1.04	1.17	1.30	1.43	1.56	1.82	2.01	2.34	2.60	2.86	3.12	3.38	3.64 lb
16 feet.....	16	18	21	23	25	30	33	37	42	45	50	54	60 lbs.

Inch..	5/16 × 3 3/4	4	4 1/4	4 1/2	5	5 1/2	6	6 1/2	7	8	9	10	11	12 × 5/16
1 foot.....	3.90	4.16	4.42	4.68	5.29	5.72	6.26	6.76	7.28	8.32	9.36	10.58	11.44	12.52 lbs.
16 feet.....	63	66	71	74	82	90	100	108	120	132	148	164	180	200 lbs.

Inch.....	3/8 × 1	1 1/8	1 1/4	1 3/8	1 1/2	1 3/4	2	2 1/4	2 1/2	2 3/4	3	3 1/4	3 1/2 × 3/8
1 foot	1.25	1.40	1.50	1.71	1.87	2.18	2.50	2.81	3.12	3.43	3.75	4.06	4.37 lbs.
16 feet.....	20	22	25	27	30	35	40	45	50	55	60	65	70 lbs.

Inch.....	3/8 × 3 3/4	4	4 1/4	4 1/2	5	5 1/2	6	6 1/2	7	8	9	10	11	12 × 3/8
1 foot.....	4.68	5	5.31	5.62	6.25	6.87	7.50	8.12	8.74	10	11.24	12.50	13.74	15 lbs.
16 feet.....	75	80	85	90	100	110	120	130	140	160	180	200	220	240 lbs.

Inch....	7/16 × 1	1 1/8	1 1/4	1 3/8	1 1/2	1 3/4	2	2 1/4	2 1/2	2 3/4	3	3 1/4	3 1/2 × 7/16
1 foot.....	1.45	1.64	1.82	2	2.18	2.55	2.93	3.28	3.64	4	4.37	4.73	5.10 lbs.
16 feet.....	23	26	29	32	35	41	47	52	58	64	70	76	82 lbs.

Inch.....	7/16 × 3 3/4	4	4 1/4	4 1/2	5	5 1/2	6	6 1/2	7	8	9	10	11	12 × 7/16
1 foot.....	5.46	5.83	6.20	6.56	7.29	8.02	8.75	9.47	10.20	11.66	13.12	14.58	16.04	17.50 lbs.
16 feet.....	88	94	99	104	116	124	140	152	164	188	210	236	260	280 lbs.

Inch.....	1/2 × 1	1 1/8	1 1/4	1 3/8	1 1/2	1 3/4	2	2 1/4	2 1/2	2 3/4	3	3 1/4	3 1/2 × 1/2
1 foot.....	1.66	1.87	2.01	2.29	2.50	2.91	3.33	3.75	4.16	4.58	5.	5.41	5.83 lbs.
16 feet.....	26	30	33	36	40	46	53	60	67	73	80	86	92 lbs.

Inch.....	1/2 × 3 3/4	4	4 1/4	4 1/2	5	5 1/2	6	6 1/2	7	8	9	10	11	12 × 1/2
1 foot	6.25	6.66	7.08	7.50	8.33	9.16	10.	10.83	11.66	13.32	15.	16.66	18.32	20 lbs.
16 feet.....	100	106	113	120	134	146	160	172	184	212	240	268	292	320 lbs.

Inch.....	5/8 × 1	1 1/8	1 1/4	1 3/8	1 1/2	1 3/4	2	2 1/4	2 1/2	2 3/4	3	3 1/4	3 1/2 × 5/8
1 foot.....	2.	2.34	2.60	2.86	3.15	3.64	4.16	4.68	5.20	5.72	6.25	6.77	7.29	7.81 lbs.
16 feet.....	33	37	42	46	50	58	67	75	83	91	100	108	116	125 lbs.

Inch.....	5/8 × 4	4 1/4	4 1/2	5	5 1/2	6	6 1/2	7	8	9	10	11	12 × 5/8
1 foot.....	8.33	8.85	9.37	10.41	11.45	12.50	13.54	15.62	16.66	18.14	20.82	22.90	25 lbs.
16 feet.....	133	141	150	166	182	200	216	232	266	300	332	364	400 lbs.

Inch.....	3/4 × 1	1 1/8	1 1/4	1 3/8	1 1/2	1 3/4	2	2 1/4	2 1/2	2 3/4	3	3 1/4	3 1/2 × 3/4
1 foot.....	2.50	2.81	3.12	3.43	3.75	4.37	5.	5.62	6.25	6.87	7.50	8.12	8.75	9.37 lbs.
16 feet.....	40	45	50	55	60	70	80	90	100	110	120	130	140	150 lbs.

Inch.....	3/4 × 4	4 1/4	4 1/2	5	5 1/2	6	6 1/2	7	8	9	10	11	12 × 3/4
1 foot.....	10.	10.62	11.25	12.50	13.75	15.	16.25	17.50	20.	22.50	25.	26.50	30 lbs.
16 feet.....	160	170	180	200	220	240	260	280	300	360	400	440	480 lbs.

Inch	7/8 × 1	1 1/8	1 1/4	1 3/8	1 1/2	1 5/8	1 3/4	2	2 1/4	2 1/2	2 3/4 × 7/8
1 foot	2.91	3.28	3.64	4.	4.37	4.73	5.	5.86	6.56	7.29	8. lbs.
16 feet.....	47	53	58	64	70	76	81	93	105	117	128 lbs.

Inch.....	7/8 × 3	3 1/4	3 1/2	3 3/4	4	4 1/2	5	5 1/2	6	6 1/2	7 × 7/8
1 foot.....	8.75	9.50	10.20	11.	11.66	13.12	15.	16.	17.	19.	20. lbs.
16 feet.....	140	152	163	175	187	210	233	256	280	304	326 lbs.

Inch.....	1 × 1 1/8	1 1/4	1 3/8	1 1/2	1 5/8	1 3/4	2	2 1/4	2 1/2 × 1
1 foot.....	3.75	4.16	4.58	5.	5.41	5.83	6.66	7.50	8.33 lbs.
16 feet.....	60	66	73	80	86.66	93	107	120	133 lbs.

Inch.....	1 × 2 1/4	3	3 1/4	3 1/2	4	4 1/2	5	5 1/2	6	7 × 1
1 foot.....	9.	10.	10.60	11.60	13.	15.	16.	18.	20.	lbs.
16 feet.....	147	160	173	197	213	240	266	292	320	lbs.

Half Round, Oval and Half Oval Iron—Weight per Lineal Foot.

Inch, Half Round and Oval,	3-8×3-16 .186	7-16×7-32 .253	1-2×1-4 .331	5-8×5-16 .517	3-4×3-8 .744	7-8×7-16 1.	1×1-2 1.32	1⅛×9-16 1.62	1¼×5-8 2.	1½×3-4 3. lbs.
Inch, Half Oval,	3-8×3-32 .093	7-16×7-64 .13	1-2×1-8 .17	5-8×5-32 .26	3-4×3-16 .37	7-8×7-32 .50	1×1-4 .66	1⅛×9-32 .81	1¼×5-16 1.	1½×3-16 1.50 lbs.

Angle Iron, Equal Sides—Weight of One Yard.

	3-4	7-8	1	1 1-4	1 1-2	1 3-4	2	2 1-4	2 1-2	2 3-4	3	3 1-2	4	4 1-2	6 inch.
1-8	1.72	2.03	2.34	2.97											lbs.
3-16	2.46	2.93	3.40	4.31	5.27	6.21									"
1-4			4.38	5.63	6.88	8.13	9.40	10.60	11.90	13.20	14.40				"
5-16					8.49	9.96	11.50	13.00	14.70	16.00	17.70				"
3-8							13.60	15.50	17.30	19.20	21.10	24.80	28.60		"
7-16								17.80	20.00	22.20	24.40	28.70	33.00	37.50	50.60 "
1-2 inch									22.50	25.00	27.50	32.50	37.50	42.50	57.50 "

Weight of Ten Feet and No. of Feet in a Ton of Hoop and Band Iron, also Thickness on Birmingham Wire Gauge.

Width. Inches.	Gauge.	10 feet.	Feet in a Ton.	Width. Inches.	10 feet.	Feet in a Ton.	Width. Inches.	10 feet.	Feet in a Ton.	Width. Inches.	10 feet.	Feet in a Ton.	Width. Inches.	10 feet.	Feet in a Ton.	Width. Inches.	10 feet.	Feet in a Ton.	Width. Inches.	10 feet.	Feet in a Ton.
⅝	10	3.51	6378	¾	4.07	5497	1	4.68	4787	1¼	5.26	4252	1½	5.85	3826	1¾	7.02	3189	1⅞	8.15	2748
	11	3.12	7168		3.62	6180		4.16	5376		4.68	4780		5.21	4300		6.25	3584		7.25	3090
	12	2.73	8184		3.17	7056		3.65	6139		4.10	5464		4.56	4912		5.47	4091		6.35	3528
	13	2.34	9574		2.70	8296		3.12	7178		3.51	6674		3.90	5744		4.68	4786		5.40	4148
	14	1.95	11488		2.27	9846		2.60	8616		2.92	7656		3.25	6892		3.90	5744		4.55	4923
	15	1.76	12727		2.05	10928		2.35	9532		2.62	8532		2.93	7627		3.52	6354		4.10	5464
	16	1.56	14360		1.80	12444		2.08	10752		2.34	9570		2.60	8615		3.12	7168		3.60	6222
	17	1.36	16470		1.57	14222		1.81	12330		2.04	10976		2.27	9868		2.72	8220		3.15	7112
	18	1.16	19311		1.35	16592		1.55	14456		1.75	12800		1.93	11788		2.32	9635		2.70	8296
	19	1.06	21132		1.12	19911		1.42	15810		1.60	14088		1.77	12659		2.12	10541			
	20	.962	23272		.90	24889		1.28	17460		1.45	15550		1.60	13957		1.92	11636			
2	9	10.40	2153	2¼	11.70	1914	2½	13.00	1723	2¾	14.30	1566	3	15.60	1436	3½	16.90	1325	3½	18.20	1231
	10	9.36	2392		10.53	2126		11.71	1913		12.87	1740		14.05	1595		15.10	1484		16.30	1374
	11	8.33	2690		9.37	2390		10.42	2150		11.46	1954		12.50	1792		13.50	1659		14.50	1545
	12	7.30	3069		8.20	2732		9.12	2454		10.03	2232		10.95	2046		11.80	1899		12.70	1764
	13	6.25	3584		7.03	3187		7.81	2866		8.59	2608		9.37	2390		10.10	2218		10.80	2074
	14	5.20	4308		5.85	3829		6.50	3446		7.15	3133		7.80	2872		8.40	2667		9.10	2461
	15	4.70	4766		5.25	4266		5.87	3812		6.46	3468		7.05	3177		7.60	2947		8.20	2732
	16	4.16	5378		4.68	4786		5.20	4305		5.72	3912		6.25	3584		6.70	3343		7.20	3111
	17	3.63	6170		4.08	5483		4.54	4934		4.99	4489		5.45	4110		5.80	3862		6.30	3556
	18	3.10	7226		3.50	6400		3.87	5781		4.26	5258		4.65	4818		5.00	4480		5.40	4148
4	8	22.86	980	4½	25.71	871	5	28.57	784	5½	34.43	736	6	34.60	653						
	9	20.80	1077		22.40	957		26.00	861		28.60	784		31.20	718						
	10	18.73	1196		21.07	1063		23.42	956		25.75	870		28.10	797						
	11	16.67	1346		18.75	1195		20.84	1075		22.92	977		25.00	896						
	12	14.60	1534		16.40	1366		18.25	1227		20.07	1116		21.90	1023						
	13	12.50	1792		14.06	1594		15.63	1433		17.18	1304		18.75	1196						
	14	10.40	2154		11.70	1914		13.00	1723		14.30	1567		15.60	1436						
	15	9.40	2383		10.50	2133		11.75	1906		12.92	1734		14.10	1588						
	16	8.33	2690		9.36	2393		10.41	2151		11.45	1956		12.50	1792						
	17	7.26	3080		8.17	2741		9.08	2467		9.98	2244		10.90	2055						
	18	6.20	3612		7.00	3200		7.75	2891		8.52	2629		9.30	2409						

Weight of Cast Iron Pipe per Lineal Foot.

Bore in Inches.	Thickness of Metal in Inches.									
	1-4.	3-8.	1-2.	5-8.	3-4.	7-8.	1	1 1-8.	1 1-4.	1 1-2.
	Lbs.	Lbs.	Lbs.	Lbs.	Lbs.	Lbs.	Lbs.	Lbs.	Lbs.	Lbs.
2	5.52	8.74	12.27	16.11	20.25	24.70	29.45	34.52	39.88	51.54
2½	6.75	10.58	14.73	19.18	23.95	28.99	34.36	40.04	46.02	58.91
3	7.93	12.43	17.18	22.24	27.61	32.29	39.27	45.56	52.16	66.27
3½	9.20	14.27	19.64	25.31	31.29	37.58	44.18	51.08	58.29	73.63
4	10.43	16.11	22.09	28.38	34.98	41.88	49.09	56.60	64.43	80.99
4½	11.66	17.95	24.54	31.45	38.66	46.18	55.00	62.13	70.56	88.36
5	12.89	19.79	27.00	34.52	42.34	50.47	58.91	67.65	76.70	95.72
5½	14.11	21.63	29.45	37.58	46.02	54.76	63.81	73.17	82.84	103.08
6	15.34	23.47	31.91	40.65	49.70	59.06	68.72	78.69	88.97	110.45
7	17.79	27.15	36.82	46.79	57.06	67.65	78.54	89.74	101.25	117.20
8	20.25	30.83	41.72	52.92	64.43	76.24	88.36	100.78	113.52	125.17
9	22.70	34.52	46.63	59.06	71.79	84.83	98.18	111.83	125.79	139.90
10	25.16	38.20	51.54	65.19	79.15	93.42	107.99	122.87	138.06	154.63
11	27.61	41.88	56.45	71.33	86.52	102.01	117.81	133.92	150.33	
12	30.07	45.56	61.36	77.47	93.88	110.60	127.63	144.96	162.60	
13	32.52	49.24	66.27	83.60	101.24	119.19	137.45	156.01	174.87	
14	34.98	52.92	71.18	89.74	108.61	127.78	147.26	167.05	187.15	
15	.....	56.60	76.09	95.87	115.97	136.37	157.08	178.10	199.42	
16	.....	60.29	80.99	102.01	123.33	144.96	166.90	189.14	211.69	
18	.....	67.65	90.81	114.28	138.06	162.14	186.53	211.23	236.23	
20	.....	.....	100.63	126.55	152.79	179.32	206.17	233.32	260.78	
22	.....	.....	110.45	138.83	167.51	196.50	225.80	255.41	285.32	
24	.....	.....	120.26	151.10	182.24	213.68	245.44	277.50	309.87	

Wrought Iron Lap-Welded Boiler Tubes.

External Diameter,	1½	1¾	1⅞	2	2¼	2½	3	3½	3½	4	4½	5	6 inch.
Birmingham Wire Gauge,	14	13	13	12	12	11	11	10	10	9	9	8	7 thick.
Weight per foot,	1.25	1.66	2.00	2.25	2.50	3	3.60	4.25	4.70	5.70	6.50	8	10 lbs.
Lengths usually kept in Stock,	10 12 14 16 18 feet.												

Wrought Iron, Gas and Steam Pipe.

Size,	1-4	3-8	1-2	3-4	1	1¼	1½	2	2½	3	3½	4	5	6 inch.
Weight per foot,	.42	.56	.90	1.20	1.75	2.50	2.75	4.	6.	8.	10.5	12.	16.	20. lbs.
Per foot,	$0 06	0 07	0 08½	0 12	0 17	0 22	0 28	0 41	0 75	1 10	1 38	1 75	2 90	3 50

Lead Pipe.

CALIBRE.	WEIGHT PER YARD.	AVERAGE LENGTHS.	CALIBRE.	WEIGHT PER YARD.	AVERAGE LENGTHS.
	Lbs.	Yards.		Lbs.	Yards.
¼ inch Strong	2	75	1¼ inch Medium	10	16
¼ inch Light	2½	60	1¼ inch Strong	12	14
⅜ inch Strong	3	50	1½ inch Extra Strong	14	12
⅜ inch Extra Light	2½ and 3½	60 and 48	1½ inch Extra Light	10	17
½ inch Light	4	40	1½ inch Light	11	15
½ inch Medium	4½	36	1½ inch Medium	12	13
½ inch Strong	5 and 6	30 and 25	1½ inch Strong	14	11
½ inch Extra Strong	7 and 8	22 and 20	1½ inch Extra Strong	16 and 18	17 and 15 } in large coils.
½ inch Extra Light	4½	36	1¾ inch Light	14	20 } in large coils.
⅝ inch Light	5	33	1¾ inch Medium	16	17 } in large coils.
⅝ inch Medium	6	28	1¾ inch Strong	18	15 } in large coils.
⅝ inch Strong	7	24	1¾ inch Extra Strong	20	14 } in large coils.
⅝ inch Extra Strong	8 and 9	21 and 18	2 inch Extra Light	16	17 } in large coils.
¾ inch Extra Light	5	33	2 inch Light	18	15 } in large coils.
¾ inch Light	6	28	2 inch Medium	20	14 } in large coils.
¾ inch Medium	7	24	2 inch Strong	22	12 } in large coils.
¾ inch Strong	8	21	2 inch Extra Strong	24	11 } in large coils.
¾ inch Extra Strong	9 and 10	18 and 16	2½ inch Light	20	12 to 14 feet.
1 inch Extra Light	5	33	2½ inch Medium	24	12 to 14 feet.
1 inch Light	6	28	2½ inch Strong	27	12 to 14 feet.
1 inch Medium	7	24	2½ inch Extra Strong	30 and 32	12 to 14 feet.
1 inch Strong	8	21	3 inch Light	27	12 to 14 feet.
1 inch Extra Strong	9 and 10	18 and 16	3 inch Medium	30	12 to 14 feet.
1¼ inch Extra Light	6	28	3 inch Strong	34	12 to 14 feet.
1¼ inch Light	8	21			

Composition Gas Tubing—on Reels.

CALIBRE.	WEIGHT PER YARD.	AVERAGE LENGTHS.
⅜ inch	1 lbs.	75 yards.
½ inch	1¾ "	50 "
⅝ inch	2¼ "	40 "
¾ inch	3 "	30 "
1 inch	3½ "	25 "

Weight of Copper Pipes, per foot Run.

Bore in Inches.	Thickness in Parts of an Inch. 1-16.	1-8.	3-16.	1-4.	5-16.	3-8.	7-16.
	Lbs.	Lbs.	Lbs.	Lbs.	Lbs.	Lbs.	Lbs.
¼	.23	.56	.99	1.51	2.13	2.83	3.64
½	.42	.94	1.56	2.27	3.07	3.97	4.96
¾	.61	1.32	2.13	3.02	4.02	5.11	6.29
1	.80	1.70	2.69	3.78	4.96	6.24	7.61
1¼	.99	2.08	2.26	4.54	5.91	7.38	8.94
1½	1.18	2.46	3.83	5.29	6.85	8.51	10.26
1¾	1.37	2.84	4.40	6.05	7.80	9.64	11.58
2	1.56	3.22	4.96	6.81	8.75	10.78	12.91
2¼	1.75	3.59	5.53	7.56	9.69	11.92	14.23
2½	1.94	3.97	6.10	8.32	10.64	13.06	15.56
2¾	2.13	4.35	6.67	9.08	11.59	14.19	16.88
3	2.31	4.73	7.24	9.74	12.53	15.32	18.21

Weight of Circular Boiler Heads.

Thickness,	16	18	20	22	24	26	28	30	32	34	36	38	40	42	44	46	48	50	52	54	56	60	64	70 inch Diameter.
3-16	11	13	17	20	24	28	32	37	42	48	54	60	66	73	80	88	95	103	112	121	130	149	167	225 lbs.
1-4	14	18	22	27	32	37	42	50	56	64	71	79	86	97	107	117	127	138	149	160	172	198	223	300 lbs.
5-16	18	22	27	33	40	46	53	62	70	79	89	99	110	121	133	145	156	172	186	200	214	247	279	375 lbs.
3-8	21	27	33	40	47	56	65	74	84	96	108	120	132	146	160	176	190	206	224	242	260	298	335	450 lbs.
7-16	25	31	38	47	56	65	75	87	99	111	125	139	154	170	187	204	222	241	260	281	302	336	491	550 lbs.
1-2	28	36	44	54	64	75	86	100	112	128	142	158	176	194	214	234	254	276	298	320	344	396	547	600 lbs.
9-16	32	40	50	60	71	84	97	112	127	143	161	179	198	220	240	262	286	310	335	362	389	446	603	680 lbs.

Weight of 1 Square Foot of Metals.

Thickness advancing by Sixteenths of an Inch.

Thickness.	Wro't Iron. Specific weight. =1.	Cast Iron. Specific weight. =.9375.	Steel. Specific weight. =1.02.	Copper. Specific weight. =1.16.	Tin. Specific weight. =1.092.	Zinc. Specific weight. =.910.	Brass. Specific weight. =1.052.	Gun Metal. Specific weight. =1.052.	Lead. Specific weight. =1.48.
inch.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.
1-16	2.50	2.34	2.55	2.89	2.41	2.28	2.63	2.73	3.71
1-8	5.00	4.69	5.10	5.79	4.81	4.55	5.26	5.46	7.41
3-16	7.50	7.03	7.65	8.68	7.22	6.83	7.89	8.19	11.1
1-4	10.0	9.38	10.2	11.6	9.63	9.10	10.5	10.9	14.8
5-16	12.5	11.7	12.8	14.5	12.0	11.4	13.2	13.7	18.5
3-8	15.0	14.1	15.3	17.4	14.4	13.7	15.8	16.4	22.2
7-16	17.5	16.4	17.9	20.3	16.8	15.9	18.4	19.1	25.9
1-2	20.0	18.7	20.4	23.2	19.3	18.2	21.1	21.9	29.7
9-16	22.5	21.1	23.0	26.0	21.7	20.5	23.7	24.6	33.4
5-8	25.0	23.5	25.5	28.9	24.1	22.8	26.3	27.3	37.1
11-16	27.5	25.8	28.1	31.8	26.5	25.0	28.9	30.0	40.8
3-4	30.0	28.1	30.6	34.7	28.9	27.3	31.6	32.8	44.5
13-16	32.5	30.5	33.2	37.6	31.3	29.6	34.2	35.0	48.2
7-8	35.0	32.8	35.7	40.5	33.7	31.9	36.8	38.2	51.9
15-16	37.5	35.2	38.3	43.4	36.1	34.1	39.5	41.0	55.6
1	40.0	37.5	40.8	46.3	38.5	36.4	42.1	43.7	59.3

Weight of Sheet Iron per Square Foot in lbs.

Nos. 5	6	7	8	9	10	11	12	13	14	15	16 B. W. G.
8.77	8.41	7.56	6.71	6.39	5.54	5.05	4.41	3.80	3.23	2.91	2.55 lbs.
.209	.191	.174	.159	.146	.133	.117	.100	.090	.079	.069	.062 Decimals of an inch.
Nos. 17	18	19	20	21	22	23	24	25	26	27 B. W. G.
2.22	1.94	1.70	1.42	1.33	1.17	1.13	1.01	.85	.81	.73 lbs.
.053	.047	.041	.037	.032	.028	.025	.022	.020	.018	.016 Decimals of an inch.

Sheet Brass is about 10 per cent. heavier than Sheet Iron.

Weight of Galvanized Sheet Iron per square foot.

Nos.	28	27	26	25	24	23	22	21	20	19	18	17	16	14 Wire Gauge.
Plain,	12	14	15	16	17	19	21	24	28	33	37	43	48	60 Ounces.
Corrugated,	16	18	19	21	22	24	26	29	31	37	41	48	53	65 "
Laid, including Laps,	24	23	24	26	28	30	32	35	38	44	49	56	61	74 "

Russia Sheet Iron—Size of Sheets, 56 x 28 inch.

R Gauge,	Nos.	8	9	10	11	12	14
B. W. G.,	Nos.	25	24	24	23	22	21
Per Sheet,		8	8½	9	10	11	13

Sizes, Weights, etc., of Sheet Tin.

Quality,	IC	IC	IC	IX	IX	IX	IXX	IXX	IXXX	IXXX	DC	DX	DXX	DXXX
Size,	10×14	12×12	14×20	10×14	12×12	14×20	10×14	14×20	10×14	14×20	12½×17	12½×17	12½×17	12½×17 in.
No. of Sheets in a box,	225	225	112	225	225	112	225	112	225	112	100	100	100	100
Weight per box,	112	112	112	140	140	140	161	161	182	182	105	125	147	158 lbs.

A box of 225 sheets, 14×10, contains 214.84 sq. ft.; but, allowing for seams, it will over but 150 sq. ft. of roof. To find area of a roof covered by any size sheet, deduct 2 in. from its width and 1 in. from its length.

A roof covered with tin or other metal should slope *not less* than 1 in. to a ft.

Tank Rivets.

NUMBER TO THE POUND.

Length.	3-16 Diameter.		1-4 in. Diameter.		5-16 in. Diameter.		3-8 in. Diameter.	
	F. & R. H.	C. S. K.	F. & R. H.	C. S. K.	F. & R. H.	C. S. K.	F. & R. H.	C. S. K.
⅜	165	205	103					
7-16	153	172	93					
½	140	147	80	108	50	69	31	46
9-16	125	130	75	94	43	60	28	40
⅝	103	109	64	75	39	51	23	36
¾	91	101	56	68	35	47	21	31
1	84	93	49	63	32	42	19	28
1⅛	77	85	45	56	31	36	18	24
1¼	43	.....	42	49	27	34	17	22
1⅜	69	.....	40	47	25	31	16	21
1½	63	.....	37	42	24	29	15	20
1⅝	58	.....	35	41	22	27	14	19
1¾	54	.....	32	39	21	25	13	18
1⅞	50	.....	30	35	20	23	12	17
2	48	.....	29	33	19	22	11	16

Boiler Rivets.

NUMBER IN A KEG OF 100 POUNDS.

Length.	1-2 Inch.	9-16 Inch.	5-8 Inch.	11-16 Inch.	3-4 Inch.	7-8 Inch.
1	990	760	560	450		
1⅛	875	725	530	415		
1¼	800	690	490	389	356	228
1⅜	760	650	460	370	329	211
1½	720	625	425	357	290	180
1⅝	710	595	405	340	271	174
1¾	690	550	390	325	264	169
1⅞	665	530	375	312	257	165
2	630	510	360	297	248	156
2⅛	590	500	354	289	237	152
2¼	555	490	347	280	232	149
2½	525	475	335	260	219	141
2¾	500	440	312	242	211	133
3	460	410	290	224	203	127
3¼	430	380	267	212	190	115
3½	410	350	248	201	180	108
3¾	395	335	241	192	162	102
4	.....	326	230	184	153	99
4¼	.....	312	220	177	146	96
4½	.....	298	210	171	140	94
4¾	.....	284	200	166	136	89
5	.....	270	190	161	130	87
5½	.....	244	172	151	124	80
6	.....	223	157	140	115	74
6½	.....	207	146	134	104	69
7	.....	198	140	125	93	64

Comparative Table of the Strength of Hemp and Wire Rope.

Tarred Hemp Rope,	12	11	10½	10	9½	9	8½	8	7½	7	6½	6	5½	5	4½ inch circum.
White Matted Rope,	10½	10	9½	9	8½	8	7½	7	6½	6	5½	5	4½	4	3½ inch circum.
Best Wire Rope,	6	5½	5¼	5	4¾	4½	4¼	4	3¾	3½	3¼	3	2¾	2½	2¼ inch circum.
Charcoal Wire Rope,	5½	5	4¾	4½	4¼	4	3¾	3½	3¼	3	2¾	2¾	2½	2¼	2 inch circum.
[illegible] Rope,	4	3¾	3½	3¼	3	3	2¾	2½	2¼	2⅛	2	1⅞	1¾	1⅝	1½ inch circum.
Admiralty Test,	37	32	28	24	22	19	17	15	13	11	10	8	7	6	4 Tons.
Approximate Weight of Wire Rope,		5½	5¼	5	4¾	4½	4¼	4	3¾	3½	3¼	3	2¾	2½	2	1¾	1½ inch circum.
Per Fathom,		26	24	22	20	18	16	14	12	10	9	8	7	6	4	3	2 lbs.

Standard Hoisting Rope, 12 and 19 Wires to the Strand.

	$1\frac{1}{8}$	$1\frac{5}{16}$	2	$2\frac{1}{8}$	$2\frac{3}{8}$	$3\frac{1}{8}$	$3\frac{1}{2}$	4	$4\frac{3}{8}$	$4\frac{3}{4}$	5	$5\frac{1}{2}$	6	$6\frac{3}{4}$	inch circumference.
	$\frac{3}{8}$	9-16	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1	$1\frac{1}{8}$	$1\frac{1}{4}$	$1\frac{3}{8}$	$1\frac{1}{2}$	$1\frac{5}{8}$	$1\frac{3}{4}$	2	$2\frac{1}{4}$	Diameter.
	.35	44	.70	.88	1.20	1.58	2	2.50	3	3.65	4.10	5.25	6.30	8 lbs.	Weight per foot. hemp centre.
Iron	3.48	4.27	5.13	8.64	$11\frac{1}{2}$	16	20	27	33	39	44	54	65	74	Breaking strain in tons of 2,000 lbs.
Cast Steel	$5\frac{1}{2}$	$6\frac{1}{2}$	9	13	20	24	30	39	47	55	64	78	1.00	1.30	
Iron	$\frac{1}{2}$	$\frac{3}{4}$	$1\frac{1}{2}$	$1\frac{3}{4}$	$2\frac{1}{2}$	3	4	$5\frac{1}{2}$	$6\frac{1}{2}$	8	9	11	13	15	Proper working load in tons, 2,000 lbs.
Cast Steel	1	$1\frac{1}{2}$	2	3	4	5	6	8	$9\frac{1}{2}$	11	13	17	21	26	
Iron	$3\frac{1}{2}$	4	$4\frac{1}{2}$	5	6	7	8	$9\frac{1}{2}$	$10\frac{1}{2}$	$11\frac{1}{2}$	12	13	$14\frac{1}{2}$	15	Equal strength to hemp rope in circumference.
Cast Steel	$4\frac{1}{2}$	$4\frac{3}{4}$	$5\frac{1}{2}$	$6\frac{1}{2}$	8	$9\frac{1}{4}$	10	$11\frac{1}{2}$		$13\frac{1}{2}$	$14\frac{1}{2}$	$15\frac{3}{4}$			
Iron	$1\frac{1}{2}$	$1\frac{3}{4}$	2	$2\frac{1}{4}$	$2\frac{3}{4}$	3	$3\frac{1}{2}$	4	$4\frac{1}{2}$	$4\frac{3}{4}$	5	$6\frac{1}{2}$	7	8	Min. size of drum or sheave in feet.
Cast Steel	2	$2\frac{3}{4}$	3	$3\frac{1}{2}$	$3\frac{3}{4}$	4	$4\frac{1}{2}$	5		$5\frac{1}{2}$	6	$7\frac{1}{2}$	8	9	

Transmitting Efficiency of Patent Rolled Shafting at Different Speeds.

As Second Movers or Line Shafting Bearings 8 feet apart.

DIAMETER OF SHAFT.	NUMBER OF REVOLUTIONS PER MINUTE.									
	125	150	175	200	225	250	275	300	325	350
Inches.	H. P.	H. P.	H. P.	H. P.	H. P.	H. P.	H. P.	H. P.	H. P.	H. P.
$1\frac{1}{4}$	4.7	5.7	6.6	7.6	8.6	9.4	10.4	11.4	12.3	13.2
$1\frac{1}{2}$	8.1	9.8	11.4	13	15	16	18	19	21	23
$1\frac{3}{4}$	13	15	18	20	23	26	28	30	33	36
2	19	23	27	31	35	38	42	46	50	54
$2\frac{1}{4}$	27	32	38	43	49	54	60	64	70	76
$2\frac{1}{2}$	37	45	52	60	67	74	82	80	97	104
$2\frac{3}{4}$	50	60	70	80	90	100	110	120	130	140
3	65	77	91	104	117	130	143	155	168	182
$3\frac{1}{4}$	82	99	115	132	148	164	182	198	214	230
$3\frac{1}{2}$	103	123	144	165	185	206	226	246	268	288
$3\frac{3}{4}$	126	152	177	203	227	252	279	304	329	354
4	154	184	217	246	277	308	338	368	400	434
$4\frac{1}{2}$	219	263	306	350	394	438	480	526	569	612

Street and Tram Rail Spikes.

COUNTER SUNK HEADS.

Size.	No. to Keg of 150 lbs.	No. to lay 1 mile, the holes 2 ft. apart.	Size.	No. to Keg of 150 lbs.	No. to lay 1 mile, the holes 2 ft. apart.
		Pounds. Kegs.			Pounds. Kegs.
$2\frac{1}{4} \times \frac{1}{2}$	2300	$345 = 2\frac{3}{8}$	$6 \times 5\text{-}16$	840	$940 = 6\frac{1}{6}$
$2\frac{1}{4} \times 5\text{-}16$	1720	$565 = 3\frac{3}{4}$	$4 \times \frac{1}{2}$	530	$500 = 10$
$3 \times 5\text{-}16$	1250	$640 = 4\frac{1}{4}$	$4\frac{1}{2} \times \frac{1}{2}$	480	$1650 = 11$
$3\frac{1}{2} \times 5\text{-}16$	1150	$690 = 4\ 3\text{-}5$	$6 \times \frac{1}{2}$	360	$2190 = 14\frac{5}{8}$
$5 \times 5\text{-}16$	900	$880 = 5\frac{7}{8}$	$6 \times 9\text{-}16$	270	$2930 = 19\frac{1}{2}$

Railroad Iron Required for One Mile of Track.

RULE.—To find the number of gross tons of rail to the mile: divide the weight per yard by 7 and multiply by 11.
EXAMPLE.—For 56 pound rail: $56 \div 7 = 8 \times 11 = 88$ tons.

Weight of Rail per Yard.	Tons per mile. 2240 lbs.	Weight of Rail per Yard.	Tons per mile. 2240 lbs.	Weight of Rail per Yard.	Tons per mile. 2240 lbs.
Lbs.		Lbs.		Lbs.	
8	$12\frac{1320}{2240}$	40	$62\frac{1320}{2240}$	62	$97\frac{960}{2240}$
12	$18\frac{1320}{2240}$	45	$70\frac{1320}{2240}$	64	$100\frac{1320}{2240}$
16	$25\frac{960}{2240}$	48	$75\frac{960}{2240}$	65	$102\frac{960}{2240}$
20	$31\frac{960}{2240}$	50	$78\frac{1320}{2240}$	68	$106\frac{1320}{2240}$
25	$39\frac{960}{2240}$	52	$81\frac{1320}{2240}$	70	110
28	44	56	88	72	$113\frac{960}{2240}$
30	$47\frac{960}{2240}$	57	$89\frac{1320}{2240}$	76	$119\frac{960}{2240}$
35	55	60	$94\frac{960}{2240}$		

Railroad Spikes.

Size measured under head.	Average No. per Keg. 150 lbs.	No. to lay 1 mile track, 4 to tie. Ties 2 feet from centre to centre.	Rail used. Weight per yard.	Size measured under head.	Average No. per Keg. 150 lbs.	No. to lay 1 mile track, 4 to tie. Ties 2 feet from centre to centre.	Rail used. Weight per yard.
Inches.		Lbs. Kegs.		Inches.		Lbs. Kegs.	
$5\frac{1}{2} \times \frac{9}{16}$	280	5670=38	45 to 70	$4 \times \frac{7}{16}$	630	2560=17	28 to 30
$5 \times \frac{9}{16}$	300	5170=35	40 to 56	$3\frac{1}{2} \times \frac{7}{16}$	675	2350=16	20 to 28
$4\frac{1}{2} \times \frac{1}{2}$	400	3960=27	35 to 40	$3\frac{1}{2} \times$ [illegible]	890	1780=12	16 to 20
$4 \times \frac{1}{2}$	450	3520=24	30 to 35	$3 \times$ [illegible]	1030	1540=10½	16 to 20
$3\frac{1}{2} \times \frac{1}{2}$	510	3110=21	30 to 35	$2\frac{1}{2} \times$ [illegible]	1200	1320= 8¾	12
$4\frac{1}{2} \times \frac{7}{16}$	510	3110=21	28 to 30	$2\frac{1}{2} \times \frac{5}{16}$	1620	1000= 6½	8

Cross-Ties per Mile of Single Track.

18 inches from centre to centre,	3520 Ties.	27 inches from centre to centre,	2347 Ties.
20 inches from centre to centre,	3168 Ties.	30 inches from centre to centre,	2112 Ties.
22 inches from centre to centre,	2889 Ties.	33 inches from centre to centre,	1920 Ties.
24 inches from centre to centre,	2640 Ties.	36 inches from centre to centre,	1760 Ties.

Number of Joints and Belts per Mile Single Track Railroad.

Length of Rail.	No. Joints.	No. Bolts, 2 Hole Plates.	No. Bolts, 4 Hole Plates.
24 Feet.	440	880	1760
26 Feet.	406	812	1624
28 Feet.	378	756	1512
30 Feet.	352	704	1408

Weight of Fish-Plate Bolts per 100.

$3\frac{3}{4} \times \frac{3}{4}$ with 1 Nut,	90 lbs.	$4 \times \frac{3}{4}$ with 1 Nut,	102 lbs.
$3\frac{3}{4} \times \frac{3}{4}$ with 2 Nuts,	131 lbs.	$4 \times \frac{3}{4}$ with 2 Nuts,	138 lbs.

The above size Bolts are in general use. Other sizes made if desired.

Street Rail Iron and Mine Rails.

Kind.	Size.	Weight per Yard
Improved Street,	$4\frac{3}{4}$ in. wide.	32 pounds.
Ordinary Street,	5 "	47 "

Other sizes and patterns to order.

T Rails for Saw Mills and Other Yards.

12, 14, 16, 18 pounds per yard.

Melting Point of Metals.

Copper,	2160 Degrees, Fahrenheit.	Bismuth,	507 degrees, Fahrenheit.
Antimony,	955 " "	Lead,	620 " "
Zinc,	740 " "	Tin,	475 " "

Expansion of Metals—(Faraday).

The Length of the Bar at 32°=1.

METALS.	At 212°.	Expan. per deg. Fah.
Brass	1.0019062	.0000106
Copper	1.001745	.0000097
Cast Iron	1.0011112	.0000062
Steel	1.0011899	.0000066
Wrought Iron	1.0012575	.000007
Tin	1.002	.0000111
Zinc	1.002942	.0000163

Almost all bodies expand in equal proportions for each degree between freezing and boiling.

To ascertain the expansion of a body, multiply the dimension of the body by the number of degrees of increase of temperature and then by the expansion per degree.

Example.—Required the expansion of a steel rail 30 feet long, with an increase of temperature of 100°.

$30 \times 100 = 300 \times .0000066 = .0198$ foot $= \frac{1}{4}$ inch.

Shrinkage of Castings.

Patternmakers' rule should be for			of an inch longer per lineal foot.
	Cast Iron	$\frac{1}{8}$	
	Brass	3-16	
	Lead	$\frac{1}{4}$	
	Tin	1-12	
	Zinc	3-16	

To find the Weight of Casting by the Weight of a Pine Pattern.

Multiply the Weight of Pattern by	
12	for Cast Iron.
13	for Brass.
19	for Lead.
12.2	for Tin.
11.4	for Zinc.

Reduction for Round Core and Core Prints.

RULE.—Multiply the square of the diameter by the length of the core in inches, and the product by 0.017 is the weight of the pine core, to be deducted from the weight of the pattern.

Weight of Grindstones.

RULE.—Square the diameter (in inches); multiply by thickness (in inches); then by the decimal .06363; the product will be the weight of the stone in pounds.

General Rule for Determining the Weight of any Piece of Wrought Iron.

One cubic foot of Wrought Iron,	= 480 lbs.
One square foot, one inch thick,	= 40 "
One square inch, one foot long,	= $3\frac{1}{3}$ "
One square inch, one yard long,	= 10 "

Then to ascertain the weight of any piece of Wrought Iron, use the following:—

RULE.—Ten times the sectional area in square inches is equal to the weight in pounds per yard

To Find the Number of Square Feet in a Circle.

Square the diameter and multiply by decimal .7854.

To Restore Burnt Steel and Weld It.

4 lbs. white sand, pulverized fine, $\frac{1}{2}$ lb. salammoniac, $\frac{1}{4}$ lb. copperas, $\frac{1}{2}$ lb. rosin, all pulverized and finely mixed, then use as borax.

Receipt for Welding Steel and Iron.

8 lbs. sand, 4 oz. salt, 2 oz. copperas, $\frac{1}{2}$ oz. salammoniac, pulverize, mix together, and use the same as any loam.

Case-Hardening.

Horn, hoof, bone dust or shreds of leather, heated together with the article to be case-hardened, in an iron box, to a blood red heat, then immerse the article in cold water.

Some engineers cut up the shreds, etc., fine, and mix them with white wine vinegar and salt.

To Temper Springs, etc.

$\frac{1}{4}$ lb. alum, $\frac{1}{4}$ lb. borax, $\frac{1}{4}$ lb. prussiate potash, dissolved in one gallon of hot water, then add 5 gallons oil (linseed oil is best), $\frac{1}{2}$ gal. of sand, $\frac{1}{8}$ lb. pulverized charcoal, when well mixed heat and dry as usual.

Tempering Steel.

Color.	Purpose.	Temperature.	Alloy whose fusing point is of the same temp.		
		Fahrenheit.	Tin		Lead.
Light Straw	Turning tools for metal	430°	1	to	$1\frac{1}{2}$
Dark Straw	Wood tools, taps and dies	470°	1	to	$2\frac{1}{2}$
Brown yellow	Hatchets, chipping chisels	500°	1	to	$4\frac{1}{2}$
Dark purple	Springs, etc.	560°	1	to	12

To Mend Broken Iron.

Zinc dissolved in mercury; then take the mixture and stick the broken iron together and keep it pressed close till dry.

Valuable Postal Information.

POSTAGE RATES--LETTERS.

Letters addressed from or to places in Canada and United States,

3 cents for each half oz. or fraction thereof.

Newfoundland and Great Britain,

5 cents for each half oz. or fraction thereof.

POST CARDS, for Correspondence between Canada and the United Kingdom, may be obtained at the Stamp Agencies at 2 cents each, as also cards for any postal union country. Cards with a prepaid reply form attached are also provided.

N.B.—One cent postal cards, with an extra cent stamp attached, cannot be used in place of two-cents postal cards, but go to Dead Letter Office, nor can anything be pasted or attached to a postal card.

NEWSPAPERS AND PERIODICALS

published regularly at intervals of not more than one calendar month, addressed to regular subscribers, or newsdealers, resident in Newfoundland, the United States, or Canada, except at the place of publication, are transmitted free of postage.

Transient Newspapers and Periodicals addressed to places in Canada, Newfoundland and U. S.

On all newspapers and periodicals other than those from the office of publication, including all newspapers and periodicals published less frequently than once a month, the postage rate is one cent per four ounces, which must be prepaid by postage stamp.

Newspapers and periodicals weighing *less than one ounce* may be posted singly prepaid by postage stamp *one half cent each* to places outside the city.

Newspapers posted for city delivery must be prepaid by one cent stamp each.

Newspapers addressed to places in the United Kingdom must be prepaid by postage stamp *one* cent per 2 oz., or fraction of 2 oz.

BOOK PACKETS not exceeding 5 lbs. in weight can be sent to the United Kingdom.

The limit of weight for Book Packets passing in Canada is 5 lbs. The rate is one cent per 4 oz., also to Manitoba, North-West Territory and to Victoria, B.C.

LEGAL AND COMMERCIAL PAPERS.—Legal and Commercial Papers, posted for places in Canada, generally are subject to *letter* rate unless sent by parcel post; except deeds and insurance policies, which are allowed to go by Book Post. Postage rates on Legal and Commercial Papers, addressed to Postal Union countries, are as follows: viz., to countries where the letter rate is 5 cents per ½ oz., the rate of legal and commercial papers is 5 cents for the first 10 oz., and one cent for each additional 2 oz. or fraction; or to countries where the letter rate is 10 cents per ½ oz., the rate is 5 cents for the first 4 oz., and 1 cent for each additional 2 oz. or fraction.

PATTERN AND SAMPLE POST.

CANADA.—Patterns and samples of merchandise, not exceeding 24 ounces in weight, when posted in Canada for places within Canada or Newfoundland, must be prepaid by postage stamp at the rate of *one cent* per 4 ounces weight, and put up in such manner as to admit of inspection. Goods sent in execution of an order, however small the quantity may be, or articles sent by one private individual to another, not being actually trade patterns or samples, are not admissible as such.

UNITED STATES.—Patterns and samples of merchandise, posted for places in the United States, are subject to the special rate of 10 cents each, prepaid by postage stamp, and must not exceed 8 ounces in weight.

PARCEL POST.—Parcels cannot be transmitted by parcel post to any place beyond the limits of the Dominion of Canada, nor can any parcel be forwarded to British Columbia, via the United States, which exceeds in weight the limit of 2 lbs. 3 oz.

The weight of parcels must not exceed 5 lbs., nor the size 2 feet in length and 1 foot in breadth. The rate is 6 cts. per 4 oz. or fraction of 4 oz.

MONEY ORDER OFFICE.

In sending money by mail it is always best to transmit by Money Order if possible. If sent by letter, it should always be registered.

Money orders issued and paid from 9 a.m. to 4 p.m.

Commission on Money Orders.

On Money Orders drawn by any Money Order Office in Canada on any other Money Order Office in the Dominion, is as follows:—

If not exceeding	$4, 2c.	Over 40 not exceeding	$60, 30c.
Over $4 " "	10, 5c.	" 60 " "	80, 40c.
" 10 " "	20, 10c.	" 80 " "	100, 50c.
" 20 " "	40, 20c.		

No Single Money Order, payable in the Dominion of Canada, can be issued for more than $100; but as many of $100 each may be given as the remitter requires.

The other Countries and British Colonies upon which Money Orders are granted are distinguished by an *Asterisk* (*) in the subjoined table; the rates of commission in all cases being as follows:—

If not exceeding	$10, 10c.	Over $30 not exceeding	$40, 40c.
Over $10 " "	20, 20c.	" 40 " "	50, 50c.
" 20 " "	30, 30c.		

USEFUL HINTS.

Register all valuable letters.

Make complaints and inquiries in writing.

Do not place a registration stamp and postage stamps in the same corner of the envelope.

Letters can be redirected without any new charge for postage to and from countries in the Postal Union.

Letters containing Gold or Silver Money, Jewels or precious articles or anything liable to Customs duties cannot be forwarded by post to any of the Postal Union countries except the United States.

N.B.—The public are cautioned against doing up book packets in Envelopes notched at the ends or corners. The contents of a book packet must be so tied or fastened up as to permit of their being withdrawn for inspection.

Letters bearing mutilated stamps, or stamps so soiled and defaced as to make it impossible for the sorting clerks to decide whether they have been used before or not, will be sent to the Postmaster General for his adjudication.

A letter once posted becomes the property of the person to whom it is addressed, and must be forwarded according to its direction. On no application, however urgent, can it be delivered back to the writer, or to any other person.

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